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62.11

SIMPSON

SEED & FLORAL COMPANY

1551 CHAMPA STREET
DENVER, COLORADO

1935
GARDEN &
FLOWER
SEEDS

Double Scarlet Gleam
Nasturtium



PET POULTRY
AND STOCK
SUPPLIES
FERTILIZERS
INSECTICIDES

Aster, Aurora
Golden Sheaf

RECENT INTRODUCTIONS

AND NOVELTIES FOR 1935

Every gardener and flower lover likes to grow "something different", especially if assured that his or her efforts will be rewarded by glorious beauty beyond all expectations. If you really wish to see just what results can be produced by flower growing experts from years of breeding and development, try these marvelous new introductions.

NASTURTIIUM, Double Sweet Scented SCARLET GLEAM. Gold Medal Winner. A rich SCARLET counterpart to Golden Gleam. Half Dwarf type, bushy, ruffled petals, profuse flowering. Ruus about 175 seeds to the ounce. Generous packet, 25c; $\frac{1}{4}$ oz. \$1.00; $\frac{1}{2}$ oz. \$1.50; 1 oz. \$2.50.

NASTURTIIUM, Glorions Gleam Hybrids. Several striking colors and blends, half dwarf, profuse flowering, fragrant. Generous pkt. 25c; $\frac{1}{4}$ oz. 75c; $\frac{1}{2}$ oz. \$1.25; 1 oz. \$2.00.

NASTURTIIUM, Golden Gleam. Last seasons favorite reduced in price. Large double, fragrant flowers of a deep golden yellow. Generous pkt. 10c; $\frac{1}{2}$ oz. 15c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c.

COSMOS, Early Klondyke Orange Flare. Early flowering (4 months from seed), 2-3 feet tall, bushy and deep brilliant orange in color. Blooms profusely until killing frosts. Pkt. 25c.

MARIGOLD, Yellow Supreme. Rich primrose yellow, carnation flowered, 100 per cent double, odorless. 2-3 feet tall, very large flowers. Pkt. 25c.

CALENDULA, Orange Shaggy. The most graceful Calendula yet developed. Deep orange color lacinated petalled type. Pkt. 25c.

HUNNEMANNIA SUNLIGHT, Semi-double Mexican Tulip Poppy. Bright canary yellow, with a row of extra petals on the outside of the flower. Pkt. 25c.

ZINNIA FANTASY, a curled and crested type, really quilled and twisted, in a good mixture of colors. 2-2 $\frac{1}{2}$ feet tall, free flowering and fine for cutting. Mixed colors, Pkt. 25c.

Any 5 of these 25c novelties for \$1.00 postpaid.

PLEASE READ BEFORE ORDERING

1935 marks our 28th year in business. We have served many thousands of satisfied customers and can do the same for you.

PLEASE USE ORDER BLANK, and include postage where necessary. We pay postage on all flower and vegetable seeds unless otherwise stated. See zone rate on page 62.

TERMS are cash with order. Send Post Office Money Order, Express Order, or Exchange on Denver. Amounts up to \$1.00 may be sent in 2c or 3c stamps. Please do not send stamps of large denominations.

NON-WARRANTY. Since we can not personally direct the use of our goods after they leave our hands, nor control weather or climatic conditions, we cannot assume responsibility for your success. We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop.

Simpson Seed and Floral Company

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Annual Flower Seeds

ALL POSTPAID

PLANT MORE ANNUALS. Many of our most beautiful flowers will be found in this list of **ANNUALS**. For **PERENNIAL** flower seeds see page 7.

We also list started plants of many **PERENNIAL** flowers on pages 20 and 21.

ACROCLINIUM (Everlastings)

Graceful, daisy-like flowers. Can be cut when in bud and used for winter bouquets. Pkt. 10c; ¼ oz. 20c.

AGERATUM

Light blue, low and compact. Pkt. 10c; ¼ oz. 25c.

ALYSSUM, SWEET

Little Gem. Low and compact, pure white. Pkt. 5c; ¼ oz. 15c.

Maritimum. Honey scented, white. Pkt. 5c; ½ oz. 15c.

AMARANTHUS

Caudatus. Drooping red spikes. Pkt. 5c; ¼ oz. 15c.

Mixed. Many varieties. Pkt. 5c; ¼ oz. 15c.

ANTIRRHINUM (Snapdragon)

Tall, large flowered variety.

Coral Rose. Shell pink.

Golden King. Giant yellow.

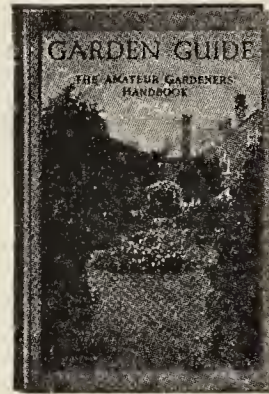
Othello. Dark maroon.

Queen Victoria. White.

Scarlet Defiance. Rich red.

Good Mixture. All colors.

Any of the above: Pkt. 10c; ¼ oz. 25c.



ANTIRRHINUM
Medium.

EMPRESS, Scarlet
Pkt. 10c; ¼ oz. 35c.

ANTIRRHINUM
Dwarf.

BRONZE
Pkt. 10c; ¼ oz. 35c.

GARDEN GUIDE

Cloth Bound \$2.50

576 Pages. 5x7½. 300 Illustrations.

for Better Flowers

feed them this complete,
balanced diet

VIGORO
Complete plant food



Don't be surprised if we add some free goods to your order. It's our way of showing appreciation.

ASTER COLLECTION
Any 7 10c packets for 50c
POSTPAID

ASTERS

GIANT CALIFORNIA

SUNSHINE ASTER, the most beautiful aster imaginable. At present produced in mixed colors only. Outer petals always come in different colors from the inner petals. Anemone-flowered type (see picture) and in delicate pastel shades.

Pkt. 15c; ¼ oz. 35c.

GIANT BRANCHING

ASTERS (Improved Crego). Selected stock in seven colors, lavender, rose-pink, shell-pink, azure blue, crimson, white, purple. Pkt. 10c; ¼ oz. 25c. Mixed colors, pkt. 10c; ¼ oz. 20c.

AMERICAN BEAUTY

ASTER. The latest and one of the finest of all the aster family. Full and double with incurving petals. 6 colors, white, purple, light pink, azure blue, crimson, rose-pink. Pkt. 10c; ¼ oz. 25c. Mixed colors, pkt. 10c; ¼ oz. 20c.



Giant California Sunshine Aster

BACHELOR'S BUTTON—See *Centaurea*

BALSAM (*Lady's Slipper*)

Double Flowering. Mixed. Pkt. 5c; $\frac{1}{4}$ oz. 15c; 1 oz. 45c.

Balsam Apple. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

BEANS (*Scarlet Runner*)

Red Climbing Bean. Pkt. 5c; $\frac{1}{4}$ lb. 20c; 1 lb. 45c.

CALENDULA (*Pot Marigold*)

The new varieties are much improved over the old.

Lemon Queen. Pure yellow. Pkt. 10c; $\frac{1}{4}$ oz. 15c.

Orange King. Clear, glowing orange. Pkt. 10c; $\frac{1}{4}$ oz. 15c.

Double Mixed. Shades of orange, bronze and yellow. Pkt. 5c; $\frac{1}{2}$ oz. 15c; 1 oz. 25c.

CANARY BIRD VINE

Rapid climber. Mixed colors. Pkt. 10c; $\frac{1}{4}$ oz. 15c.

CALIFORNIA POPPY (*Eschscholtzia*)

True California. Orange. Pkt. 5c; $\frac{1}{2}$ oz. 20c; 1 oz. 35c.

Crimson. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Mixed. Pkt. 5c; 1 oz. 25c; 1 lb. 75c.

CALLIOPSIS

Mixed. Pkt. 5c; $\frac{1}{4}$ oz. 10c; 1 oz. 25c.

CANDYTUFT

Separate colors: **White, lavender or crimson.** Pkt. 5c; $\frac{1}{4}$ oz. 20c.

Mixed. Pkt. 5c; $\frac{1}{2}$ oz. 15c; 1 oz. 25c.

CANNA

Mixed Hybrids. Pkt. 5c; $\frac{1}{4}$ oz. 15c.

For *Canna* Bulbs see page 23.

CARDINAL CLIMBER

Rapid climber with red flowers. Pkt. 10c.

CASTOR OIL BEANS

Red Stem. With green leaves, 6 to 8 feet. Pkt. 5c; 1 oz. 20c.

Giant Zanzibariensis. 8 to 10 feet. Pkt. 5c; 1 oz. 25c.

CELOSIA (*Coxcomb*) **EXTRA LARGE**

Cristata. Round, compact heads in many colors. Pkt. 10c.

Plumosa. Plumed. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

CENTAUREA

Cyanus (*Bachelor's Button*). Pkt. 5c; $\frac{1}{4}$ oz. 15c; 1 oz. 40c.

Imperialis (*Sweet Sultan*). Pkt. 5c; $\frac{1}{4}$ oz. 20c.

CHINESE LANTERN

Physalis. Lantern-shaped pods. Pkt. 10c.

CHRYSANTHEMUM

Mixed colors. Pkt. 5c; $\frac{1}{4}$ oz. 15c.



CLARKIA

Elegans. Mixed Pkt. 5c; $\frac{1}{4}$ oz. 20c.

COBOEA SCANDENS

Climber, with purple flowers. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

COXCOMB—See *Celosia*

COSMOS

Early Flowering. White, pink or crimson. Pkt. 5c; $\frac{1}{4}$ oz. 20c; 1 oz. 50c. Mixed. Pkt. 10c; $\frac{1}{2}$ oz. 25c; 1 oz. 45c.

Double Crested. New variety. Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

CYPRESS VINE

Popular climber. Pkt. 5c; $\frac{1}{4}$ oz. 20c; 1 oz. 60c.

DAHLIA—For bulbs see pages 24 and 25.

Mixed Seed. Pkt. 10c; $\frac{1}{8}$ oz. 40c.

DAISY

African Daisy. Brown eye. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

English Daisy. See page 7.

Painted Daisy. See page 7.

Marguerite. Large white. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

EVERLASTINGS

All kinds, mixed. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

FOUR O'CLOCK

All colors mixed. Pkt. 5c; oz 15c.

GERANIUMS

Single and Double. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 50c.

GERBERA (*Transvaal Daisy*). New giant

Hybrids. A perfectly formed daisy-like blossom 2 to 4 inches across, borne on long stems. Most excellent cut flowers. All shades mixed. 25 seeds for 25c.



GOURDS

GLOBE AMARANTH (*Everlastings*). Mixed. Pkt. 5c.

GODETIA

Excellent for shady places. Very attractive. Mixed. Pkt. 5c; $\frac{1}{4}$ oz. 20c.

GOURDS

Dipper, Nest Egg, Hercules Club, Dishcloth, Calabash and Mixed. Pkt. 5c; 1 oz. 15c.

GYPSOPHILA

Elegans. Annual, used in bouquets. Pkt. 5c; $\frac{1}{4}$ oz. 10c; 1 oz. 30c.

HELICHRYSUM (*Strawflowers*). All colors mixed. Pkt. 5c; $\frac{1}{4}$ oz. 15c; 1 oz. 50c.

HELIOTROPE

Very fragrant. Pkt. 10c; ¼ oz. 40c.

HYACINTH BEAN

Rapid growing climber. Pkt. 5c; 1 oz. 15c.

ICE PLANT

Trailing plant suitable for hanging baskets, walls, etc. Pkt. 10c; ¼ oz. 20c.

JAPANESE HOP VINE

Fine for covering walls, rock gardens, etc. Pkt. 5c; ¼ oz. 15c.

JOB'S TEARS

Broad, corn-like leaves, ornamental. Pkt. 5c.

KOCHIA

Summer Cypress (Mexican Fire Bush). Fine for ornamentation. Pkt. 5c; ½ oz. 15c; 1 oz. 25c.

KUDZU VINE

True Japanese. Pkt. 5c; 1 oz. 20c.

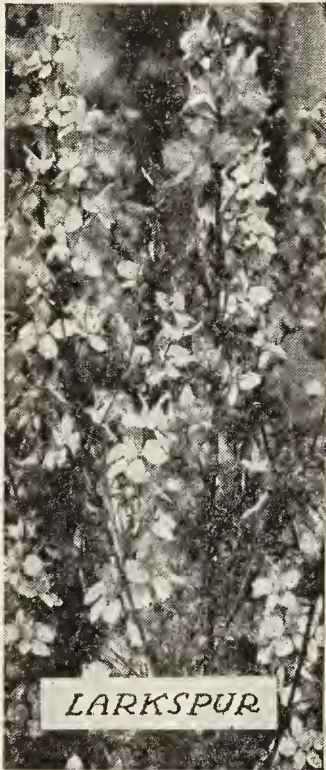
LACE FLOWER

Didiscus, Blue. Pkt. 10c; ¼ oz. 25c.

LANTANA

Verbena-like heads of orange, rose, white and yellow. Pkt. 5c; ¼ oz. 25c.

Notice the Pet Supply section of this Catalog. You will find it valuable in the care of your pets

**LARKSPUR**

Annual. Double, mixed. Pkt. 5c; ¼ oz. 20c.

LINUM

Scarlet Flax. Many brilliant colors. Pkt. 5c; ¼ oz. 15c.

LOBELIA

Crystal Palace. Dwarf blue. Pkt. 10c; ¼ oz. 50c.

Gracilis. Trailing, for hanging baskets, etc. Pkt. 10c; ½ oz. 40c.

LUPINS

Mixed annuals. Pkt. 10c; 1 oz. 25c.

MARIGOLD

African. Tall, double. Pkt. 5c; ¼ oz. 20c.

French. Dwarf, double. Pkt. 5c; ¼ oz. 20c.

New Guinea Gold, a carnation-flowered Marigold, excellent for cut flowers. Gleaming golden yellow. Pkt. 20c; ½ oz. 40c.

MIGNONETTE (Musk Plant)

Machet. Fragrant. Pkt. 5; ¼ oz. 20c.

MOON FLOWER

Beautiful white climber. Pkt. 10c; ¼ oz. 20c; 1 oz. 50c.

MORNING-GLORY

Tall. Regular. Mixed colors. Pkt. 5c; 1 oz. 15c; 1 lb. \$1.25.

Japanese. Large fringed blooms. Pkt. 10c; ½ oz. 25c; 1 oz. 40c.

Heavenly Blue. Large, sky-blue. Pkt. 10c; ¼ oz. 35c; 1 oz. \$1.00.

Clark's Mammoth Blue. The finest of all. Enormous sky-blue flowers placed at regular intervals along the vine. Pkt. 10c; 1 oz. \$1.50.

NASTURTIUM

Dwarf Mixed. Large pkt. 10c; 1 oz. 15c; ½ lb. 60c.

Tall Mixed. Large pkt. 10c; 1 oz. 15c; ½ lb. 60c.

See the inside of Front Cover for the wonderful New Nasturtiums, Fragrant and Double.

NICOTIANA

Nicotine Plant. Mixed. Pkt. 5c; ¼ oz. 20c.

NIGELLA

Love in a Mist. Pkt. 5c; ½ oz. 15c.

PANSIES

Giant Trimardeau, an enormous strain with exceptionally pretty faces. Pure White, Purple, Gold, Cardinal Red, King of The Blacks, Azure Blue. Pkt. 10c; ¼ oz. 40c; 1 oz. \$1.00. Mixed colors, a full range of all desirable kinds. Pkt. 10c; ¼ oz. 30c; 1 oz. 80c.

SPECIAL OFFER 1 pkt. each of
above 6 colors, and 1 pkt. mixed,
all for

50c

PANSY PLANTS, strong, vigorous plants, 40c doz.
Postpaid for 60c Dozen.



Giant Pansies



Petunia

PETUNIAS

Rose of Heaven. An improved Rosy Morn, flowers a little larger, and color somewhat deeper pink. Pkt. 15c; 1/8 oz. 60c.

Rosy Morn. Clear, soft pink, dwarf, an exceedingly prolific bloomer. Pkt. 15c; 1/8 oz. 50c.

Giants of California. The largest single, with frilled petals. Pkt. 35c.

Mixed Hybrid Petunias. Many colors. Pkt. 15c; 1/8 oz. 40c.

Striped and Blotched, very large and very attractive. Pkt. 15c; 1/8 oz. 50c.

PHLOX

Drummond. Mixed. Pkt. 10c; 1/8 oz. 20c; 1 oz. \$1.15.

Star. Mixed. Pkt. 10; 1/4 oz. 25c; 1 oz. \$1.25.

Hardy Phlox Roots see page 22.

PINKS

Imperialls. Double fringed. Pkt. 10c; 1/4 oz. 25c; 1 oz. 75c.

Crimson Bedder. Double as a carnation. Pkt. 15c.

PORTULACA

Moss Rose. One of the best ground coverers.

Pkt. 10c; 1/2 oz. 35c; 1 oz. 60c.

Double. Mixed. Pkt. 10c; 1/8 oz. 50c.

POPPIES

Shirley. Mixed. Single, free blooming and large. Pkt. 5c; 1 oz. 25c.

Single. Mixed. Many varieties suitable for mass bedding. Pkt. 5c; 1 oz. 20c.

Double. Mixed. Blooms are large and attractive. Pkt. 5c; 1 oz. 20c.

Flanders. A popular variety since the war. Pkt. 5c; 1/2 oz. 25c; 1 oz. 40c.

California Poppy, see page 3.

Hardy Poppies, page 21.

SALPIGLOSSIS

Mixed colors, blooms are velvety and attractive. Pkt. 10c; 1/8 oz. 35c.

SALVIA (Scarlet Sage)

Splendens. Pkt. 10c; 1/8 oz. 60c.

Farinacea. Blue. Pkt. 10c; 1/8 oz. 75c.

SCABIOSA (Mourning Bride)

Special mixture. Pkt. 10c; 1/4 oz. 25c.

SCHIZANTHUS (Poor Man's Orchid)

Pkt. 10c; 1/4 oz. 25c.

SNAPDRAGON—See Antirrhinum

STOCKS

Dwarf. Ten weeks, mixed. Pkt. 10c; 1/8 oz. 35c.

SUNFLOWER

Giant Russian. Pkt. 5c; 1/4 lb. 10c; 1 lb. 25c.

Chrysanthemum Flowered. Double. Pkt. 10c; 1 oz. 25c.

SWEET PEAS—See page 6.

THUNBERGIA

Black-Eyed Susan. Climber. Pkt. 10c; 1/8 oz. 30c.

VERBENA

Mammoth. White, Yellow, Scarlet, Purple, separate colors. Pkt. 10c; 1/8 oz. 25c.

Mammoth Mixed. Pkt. 10c; 1/8 oz. 15c; 1 oz. \$1.00

WILD FLOWER GARDEN

A surprise mixture containing many novelties. Pkt. 10c; 1 oz. 50c.

WOOLFLOWER

A Chinese introduction. Pkt. 10c; 1/4 oz. 50c.

Zinnias

Giant Dahlia-Flowered Zinnias

Crimson Monarch. Best enormous red.

Exquisite. Light rose-pink.

Dream. A fine deep lavender.

Old Rose. Old rose shade.

Polar Bear. Pure white.

Purple Prince. Fine, deep purple.

Generous packets of any of the above named varieties, 10c; 1/4 oz. 35c; 1 oz. \$1.25.

Dahlia-Flowered Mixed. All colors and shades. Pkt. 10c; 1/4 oz. 25c; 1 oz. 90c; 1/2 lb. \$6.00.

New Giant Flowered Mammoth, or Colossal Zinnias

Royal Purple

Lavender

Bright Rose

Blood Red

Burnt Orange

Apricot Yellow

Flesh Pink

Golden Yellow

Separate colors as above. Large pkt. 10c; 1/4 oz. 20c; 1 oz. 50c; 1/2 lb. \$3.00

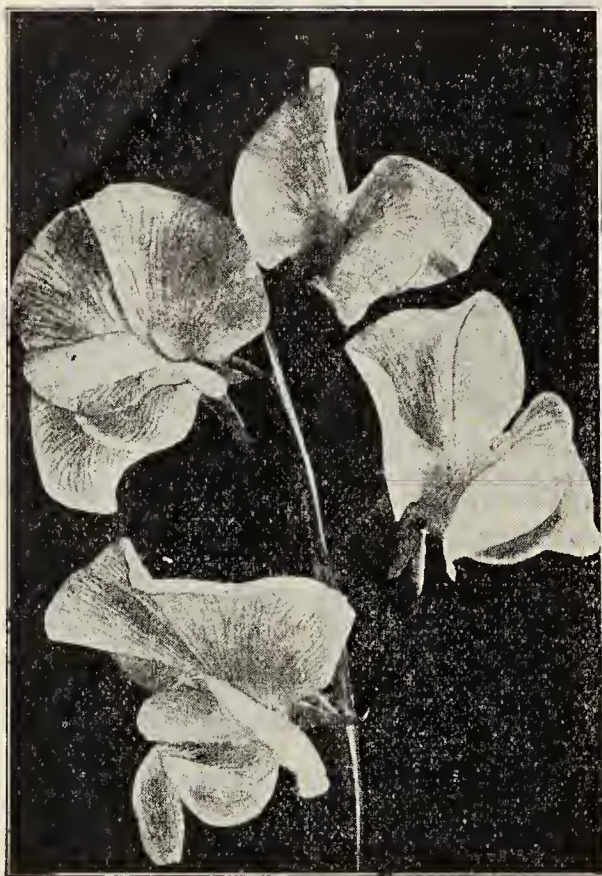
Giant Flowered Mixed. Pkt. 10c; 1/4 oz. 15c; 1 oz. 40c; 1/2 lb. \$2.50

Pompon Zinnias

Beautiful dwarf double variety for borders, etc. Mixed colors. Pkt. 10c; 1/4 oz. 20c; 1 oz. 60c; 1/2 lb. \$3.25.

Sweet Peas

GIANT FLOWERING SPENCER TYPE The World's Finest Orchid Flowering



SWEET PEAS are heavy feeders. A light application of VIGORO, sprinkled over the surface of the soil, then roughed up and watered thoroughly, every six weeks, will insure luxuriant growth of both vine and flower.



NITRAGIN BACTERIA for sweet peas, 25c full directions with each package.

Early Flowering Sweet Peas

These early flowering varieties were first brought out for the greenhouse trade. The colors are brighter than the ordinary Spencer varieties and they bloom fully three weeks earlier. Extensive experiments in Colorado have shown that they are perfectly adaptable to out-door culture. If you like those exquisite pastel shades that you buy in flower stores, try some of these **EARLY FLOWERING VARIETIES**.

PRICES—Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c; 1 oz. 55c.

APOLLO, Soft Salmon Cerise.
BLUE BIRD, Violet Blue.

Soaking the seed in a solution of **NITRAGIN BACTERIA** will greatly increase size and brilliance of blooms. A 25c can will do the trick. Instructions on each can.

The kind that produce those large fluted flowers, 3 to 4 to each stem.

PRICES Large packets, 10c; $\frac{1}{2}$ oz. 15c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c. **POSTPAID.**

AUSTIN FREDRICK IMPROVED, the best lavender, large, bright and clear.

BLUE BIRD, a medium blue of extra size.

CAMPFIRE, the brightest crimson imaginable, our choice of all the reds.

COLORADO, a dazzling orange in all its richness and purity.

CONSTANCE HINTON, a mammoth white, with black seeds, therefore extra hardy.

CRIMSON KING, regarded by many growers as the best of the deep crimsons.

DAFFODIL, a vigorous variety with exquisitely frilled deep cream blooms.

ELFRIDA PEARSON, a large shell-pink, with deeper pink margins.

GOOD CHEER, a new cerise-rose with begonia shade, a novelty and a beauty.

HEBE, this bright, giant rose-pink is one of the choice deeper pinks.

KING WHITE, most remarkable for its glistening purity. A white you will like.

MAJESTIC CREAM, a deep, rich cream. The best of its color.

ROYAL PURPLE, the richest purple yet produced.

WARRIOR, deep, reddish maroon of exceptional size and form.

MIXED SPENCERS, the finest mixture money can buy, carefully balanced as to colors. Large pkt. 10c; oz. 20c; 2 ozs. 35c; $\frac{1}{4}$ lb. 55c; $\frac{1}{2}$ lb. \$1.00

BURPEE'S ORANGE, deep orange.

COLUMBIA, pink and white.

FLAMINGO, orange salmon.

GLITTERS, bright, fiery orange.

GRENADIER, dazzling scarlet.

HARMONY, clear lavender.

LAVENDER KING, deep lavender.

MADONNA, giant white, black seeded.

NEW BLUE, deep, clear blue.

ROSE QUEEN, rose pink.

SNOWSTORM IMPROVED, pure white.

SPRING SONG, salmon pink.

SUPERIOR PINK, new rose pink.

VULCAN, vivid scarlet.

WHITE HARMONY, pure white.

ZVOLANEK'S ROSE, giant rose pink.

FINE MIXED, a well balanced mixture of all desirable shades.

Perennial Flower Seeds

For PERENNIAL PLANTS, see pages 20 and 21

ALL POSTPAID

AMPELOPSIS (*Quinquefolia*) Climbing Woodbine, one of the most rapid spreaders, foliage turns red in fall. Pkt. 5c; 1 oz. 25c.

CANTERBURY BELL (*Campanula*). profusion of bell-shaped in white, blue and rose, mixed colors. Pkt. 10c; ¼ oz. 20c.

CARNATION, *Marguerite*, double mixed, profusion of flowers excellent for cut flowers. Pkt. 10c; ¼ oz. 25c.

CHINESE LANTERN, produces decorative scarlet balloon-like pods which may be cut and kept for winter bouquets. Pkt. 10c.

COLUMBINE.

Aquilegia Coerulea, true Rocky Mt., beautiful blue and white, suitable for rock gardens, love shade, Mountain grown seed. Pkt. 10c; ¼ oz. 35c; ½ oz. 60c.

Rainbow Mixture of native Colorado varieties. Pkt. 10c; ¼ oz. 35c; ½ oz. 60c.

Vulgaris, double mixed. Pkt. 10c; ¼ oz. 25c; ½ oz. 45c.

COREOPSIS, *Lanceolata*, golden yellow, very satisfactory. Pkt. 10c; ¼ oz. 20c.

DAISY, *Double English*, mixed pink and white. Pkt. 10c; ¼ oz. 40c.

DAISY, *Shasta-Alaska*, the largest of this variety. Very hardy, spreads rapidly and will grow anywhere. Blooms all summer. Pkt. 10c; ¼ oz. 25c; 1 oz. \$1.50.

DELPHINIUM.

Perennial Larkspur, *Belladonna*, light blue. Pkt. 10c; ¼ oz. 50c.

Bellamosum, dark blue with white center. Pkt. 10c; ¼ oz. 50c.

Kelway's Hybrids, marvelous in size and beauty of combinations of colors, one of the best novelties in recent years. Pkt. 25c; ¼ oz. 60c.

Wrexham Hollyhock Strain, the giant of them all, colors are varied and beautiful. Pkt. 25c; ¼ oz. \$1.00.

FORGET-ME-NOT, *Myosotis*, dwarf blue. Pkt. 10c; ¼ oz. 25c.

FOXGLOVE (*Digitalis*), purple, white and pink, mixed. Pkt. 10c; ¼ oz. 25c.

GAILLARDIA, *Blanket Flower*, *Grandiflora*, large mixed, blooms are combinations of yellow, orange, bronze and red. Pkt. 10c; ¼ oz. 25c.

GEUM, *Mrs. Bradshaw*, double orange-scarlet. A very attractive perennial border plant. Pkt. 25c; ¼ oz. 50c.

GYSOPHILA, *Baby's Breath*, *Paniculata*, single, white. Pkt. 10c; ¼ oz. 25c.

GYSOPHILA, *Double Blossom Baby's Breath*, white. Pkt. 25c; ¼ oz. \$2.50.

HIBISCUS, *Rose Mallow*, *Crimson Eye*. Enormous flowers of crimson, pink and red. Pkt. 10c; ¼ oz. 25c.

HOLLYHOCKS, *English Double*, very beautiful rose-like blooms in profusion on spikes 5 to 7 feet tall. Separate colors, white, pink, crimson, maroon and yellow. Pkts. 10c; ¼ oz. \$1.00; mixed colors. Pkt. 10c; ¼ oz. 65c.

HOLLYHOCKS, single and double mixed, excellent for tall border planting. Pkt. 10c; ¼ oz. 25c.

LATHYRUS LATIFOLIUS, perennial Sweet Pea, will grow on trellis or climb on other vines, mixed colors. Pkt. 10c; ¼ oz. 25c.

LUPINUS, profuse blooms on stately spikes, separate colors, white, pink and blue. Pkt. 10c; ¼ oz. 20c.

PANSY-VIOLET or **TUFTED PANSY**, becoming very popular. Bloom all summer and do well in sun or shade, excellent for rock gardens, mixed. Pkt. 10c; ¼ oz. 60c.

PHLOX, the perennial variety grows from the root each year, wide range of colors, mixed seed. Pkt. 10c; ¼ oz. 75c.

PINKS, *Hardy*. (*Clove Pinks*) Fine for cut flowers, delightful fragrance. Mixed colors, Pkt. 10c.

POPPY, *Oriental*, bright scarlet, blooms often reach a size of 8 inches in diameter. Pkt. 10c; ¼ oz. 35c; Mixed colors, pkt. 10c; ¼ oz. 65c.

POPPY, *Iceland*, mixture of white, yellow, orange and scarlet. Pkt. 10c; ¼ oz. 35c.

PYRETHRUM ROSEUM, *Painted Daisy*, cut flowers last for days, mixed colors. Pkt. 10c; ¼ oz. \$1.00.

SHASTA DAISY, *Alaska*. Large white daisy with yellow center. Bloom throughout the summer. Pkt. 10c; ¼ oz. 30c; 1 oz. \$1.25.

STATICE LATIFOLIA (*Sea Lavender*). lavender flowers in dense panicles. Pkt. 10c; ¼ oz. 50c.

SWEET PEAS, Perennial, see **LATHYRUS LATIFOLIUS**.

SWEET WILLIAM, usually bloom the first year from seed, very attractive for mass effect or in borders. Single and double mixed. Pkt. 10c; ¼ oz. 25c; 1 oz. 75c.

VIOLA CORNUTA, *Tufted Pansy*, see **PANSY-VIOLET**.

VERBENA VENOSA, blooms through the entire season, a bright heliotrope-purple. A wonderful subject for borders or massed effect. Featured extensively in recent years in our parks. Pkt. 10c; ¼ oz. 35c.

VIOLETS, *Odorata*, Sweet Scented. Pkt. 15c; ¼ oz. 50c; 1 oz. \$2.50.

for better perennials

VIGORO

Complete plant food

Use VIGORO to grow flowers more beautiful, more vivid and bright than any you have ever been able to grow before.

Vegetable Seeds

RELIEF ORDERS

We will accept relief orders for seeds, when issued by any State, County or City Relief Agency or Office, in exchange for vegetable seeds at prices named in this catalog. The Relief Order you send in payment for seeds should state that it is for seeds only; must be on printed form of the Relief Office; Must have written or printed on it the amount it is good for in dollars and cents and must be signed by the authorized Relief Agent. All orders must be signed by the person ordering the seeds in the place for signing for receipt of the seeds.

WE PAY POSTAGE ON VEGETABLE SEEDS

Artichoke

One ounce will sow 100 feet of row, and produce about 500 plants. A deep, rich, sandy loam is best adapted to this plant.

Improved Large Green Globe. Heads large, fleshy and of rich flavor. Cooks up nicer than usual because of fine grained flesh. Pkt. 10c; 1 oz. 50c; ¼ lb. \$1.50 postpaid.

Asparagus

One ounce will sow 50 feet of row and produce about 800 plants. Every fall, after the tops have been cut down, apply a dressing of coarse manure, and in the spring fork it in. As Asparagus is a salt water plant, an occasional top-dressing of salt at the rate of ½ pound to the square yard is also beneficial and keeps down the weeds.

Mary Washington. Rust resistant. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$1.25 postpaid.

Asparagus Roots

Dozen 25c; 100 \$1.00; 1,000 \$7.50 postpaid.

Beans

One pound will plant 100 feet of drill

CULTURE. Cover the seed one and one-half to two inches deep, and thin the young plants three to six inches apart in the row. If planted in hills, make the hills about two feet apart each way. For succession, plant at intervals of two weeks till mid-summer. The plants up to the time of blossoming should have frequent shallow cultivation.



Bean Yield will be increased by using **Nitragin Bacteria.** Trial Size 25c; ½ bu. Size 35c; 1 bu. size 50c; Acre Size 80c.

Bush Green Pods

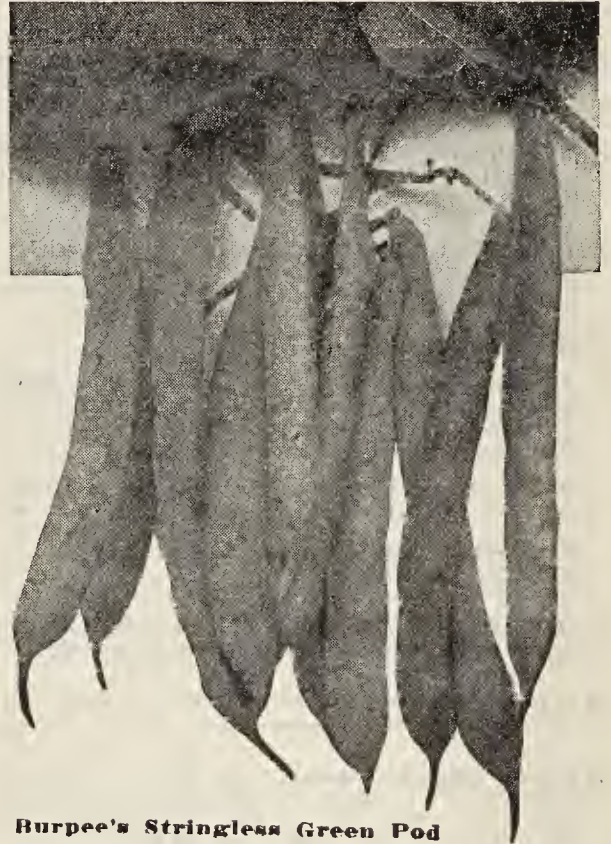
Burpee's Stringless Green Pod. Earliest, most hardy and absolutely stringless. Pkt. 5c; ¼ lb. 15c; lb. 35c; 5 lbs. \$1.35

Giant Stringless Green Pod. Extra long, brittle pods. Pkt. 5c; ¼ lb. 15c; lb. 35c; 5 lbs. \$1.35.

Stringless Red Valentine. Round fleshy pods. Pkt. 5c; ¼ lb. 10c; lb. 30c; 5 lbs. \$1.25.

Bountiful Stringless. Good market variety. Pkt. 5c; ¼ lb. 15c; ½ lb. 20c; lb. 35c; 5 lbs. \$1.35.

Fordhook Bush Lima. Does well in light soil. Pkt. 5c; ¼ lb. 15c; lb. 40c; 5 lbs \$1.50.



Burpee's Stringless Green Pod

Henderson's Bush Lima. Smaller than regular Lima but better producer in this territory. Pkt. 5c; ¼ lb. 15c; lb. 35c; 5 lbs. \$1.35.

Bush Wax Pods

Improved Golden Wax. Pods broad and flat and very abundant. Pkt. 5c; ¼ lb. 15c; lb. 35c; 5 lbs. \$1.35.

Dwarf Black Wax. Deep yellow pods, crisp and brittle. Pkt. 5c; ¼ lb. 15c; lb. 35c; 5 lbs. \$1.35.

Davis White Wax. Favorite with market gardeners, makes good shell bean. Pkt. 5c; ¼ lb. 15c; 1 lb. 35c; 5 lbs. \$1.35.

Brittle Wax or Kidney Wax. Favorite for canning. Pkt. 5c; ¼ lb. 15c; lb. 35c; 5 lbs. \$1.35.

Golden Cluster Wax. Similar to Golden Wax above. Pkt. 5c; ¼ lb. 15c; lb. 35c; 5 lbs. \$1.35.

Pole or Running Varieties

Kentucky Wonder. King of all Pole Beans. Long, stringless pods in great abundance. Green. Pkt. 5c; ¼ lb. 15c; lb. 35c; 5 lbs. \$1.35.

Kentucky Wonder Wax. Yellow pod variety equal to Kentucky Wonder. Pkt. 5c; ¼ lb. 15c; lb. 30c; 5 lbs. \$1.35.

Lazy Wife. White seed, green pod, stringless. Pkt. 5c; ¼ lb. 10c; lb. 30c; 5 lbs. \$1.40.

Scarlet Runner. A rapid-growing, red-flowered climber. Pkt. 5c; ¼ lb. 15c; ½ lb. 25c; lb. 45c.

Beets—Table Varieties

CULTURE. Beets require a deep, rich, mellow soil, and may be sown from early spring to commencement of summer. Drop about an inch deep in drills 12 to 18 inches apart. One ounce to 60 feet of drill; 6 to 8 lbs. to the acre. When well up thin to from 3 to 4 inches apart. The young beets pulled out of the row are excellent when used as spinach. All Post-paid.

Detroit Dark Red. Favorite Beet for table or canning. Deep, blood red throughout. Tender and fine flavor. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.25.

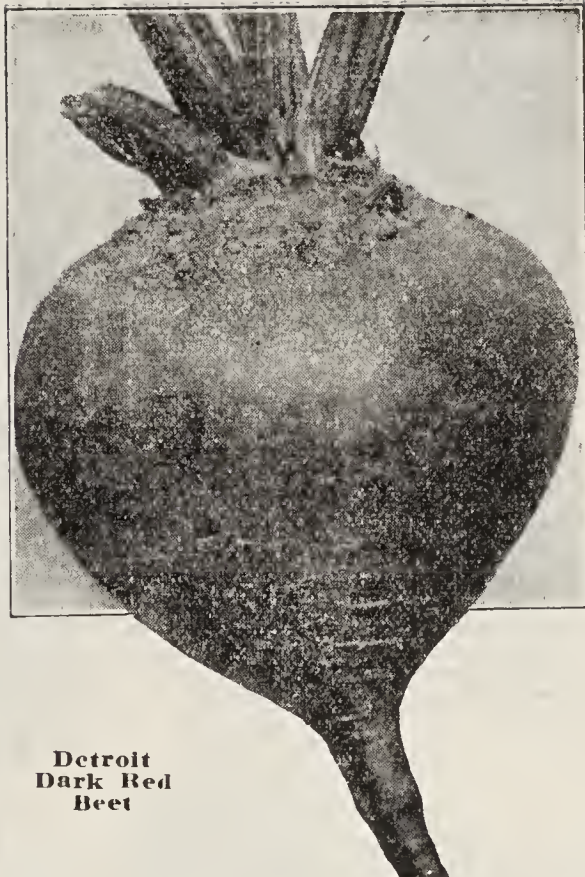
Early Blood Red Turnip. Turnip Beet. Early variety, tender and second to above. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c.

Early Eclipse. Globular shape, early and tender. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00.

Ex. Early Egyptian. Earliest of Beets. Larger than most varieties but not as tender. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00.

Swiss Chard or Follage Beet. More desirable than Spinach for greens. Leaves are broad, flat and green with white stem. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00.

Sugar and Stock Beets. Prices quoted on request.



**Detroit
Dark Red
Beet**

Brussels Sprouts

A very delicate vegetable and deserves a more general cultivation than they receive. The plant belongs to the Cabbage family and should be grown and cultivated like Cabbage. The "sprouts" which grow around the strong, upright stems of the plant, look like miniature cabbages. Very hardy, improved by frost. One ounce will produce 2,000 plants.

Half-Dwarf Improved. Bearing a large crop of small, solid, tender heads. Pkt. 5c; oz. 25c; ¼ lb. 80c; lb. \$2.50.

Cabbage

CULTURE. One ounce of good seed will produce 2,000 plants. For early Cabbages sow the seed in a hotbed in March or April, covering the seed from one-quarter to one-half inch deep and when big enough transplant to another bed. As soon as the ground is in good condition, transplant outside in rows 2 feet apart and 15 to 18 inches in a row. The soil should be mellow, rich and well drained. For late crops the seed can be sown in a cold frame or even in the open ground, and then transplanted in rows 3 feet one way and 2 feet the other, so as to be able to work with a horse and cultivator. One ounce of salt-peter dissolved in 3 gallons of rain water, sprinkled over the Cabbage or Cauliflower will destroy the green worm. The liquid being clear does not color the Cauliflower or Cabbage heads. Fine air-slacked lime or tobacco dust sifted on the young plants as soon as the fleas appear on the ground will prevent them from doing harm.

Earliest Varieties

Copenhagen Market. The earliest round head, short stem Cabbage offered today. The heads are even in size of about 8 lbs. average and will stand longer than other early varieties without bursting. Pkt. 5c; oz. 25c; ¼ lb. 80c; lb. \$2.50.

Early Jersey Wakefield. Cone shaped heads maturing from late in June to July. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00.

Early Winingstadt. But little later than Wakefield. Heads round and solid. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00.

Glory of Enkhuisen. Medium early, solid round heads. Pkt. 5c; oz. 30c; ¼ lb. 90c; lb. \$2.75.

Early Dwarf Flat Dutch. One of the most reliable headers. Medium early. Can be planted close on account of absence of "wing leaves." Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00.

All Seasons. Good variety for kraut. Pkt. 5c; oz. 40c; ¼ lb. 1.25; lb. \$4.00.

Second Early or Round Headed

Premium Late Flat Dutch. Favorite for late crop. Makes enormous size and uniform, solid heads. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00.

Danish Ballhead or Hollander. Hardest heading variety known. One of the best keepers. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

Mammoth Red Rock. Largest heading Red Cabbage. Fully as large as Flat Dutch and fine grained. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

*The square meal
for vegetables is
4 lbs. of Vigoro
per 100 sq. ft.*



**Copenhagen Market
Cabbage**

Carrots

One ounce will sow 100 feet of drill; 3 to 4 lbs. for an acre.

CULTURE. Carrots may be sown in hot-beds in February for early use. In open ground from March to first of July; however, main crop will produce best results if sown from first of May to first of July. Thin out early plantings to 5 inches apart in the row and main crop 6 to 8 inches apart. The rows should be 10 inches apart for early crop and 15 to 18 inches for main crop. Cultivation should be carefully performed to keep down the weeds, and deep hoeing between the rows will give a large increase in the crop. Carrot tops, cut from young plants, may be used for garnishing.

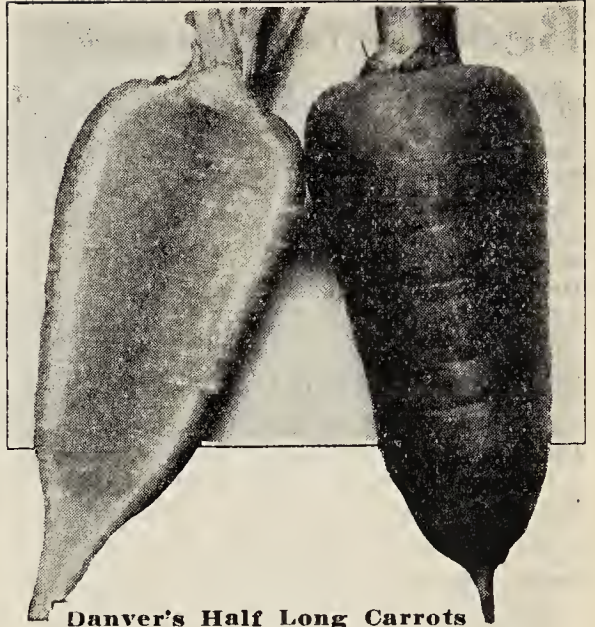
Ox Heart, or Guerande. Especially desirable for clay soil. Root is short and thick and flesh is bright orange in color. Heart is tender and not woody. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00.

Danver's Half Long. One of the leading varieties. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

Chantenay. Medium early and very productive. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00.

Improved Long Orange. Good in light, sandy soil. Larger than other late varieties. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00.

Early Scarlet Horn. Extra early and for that reason recommended for market. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.



Danver's Half Long Carrots



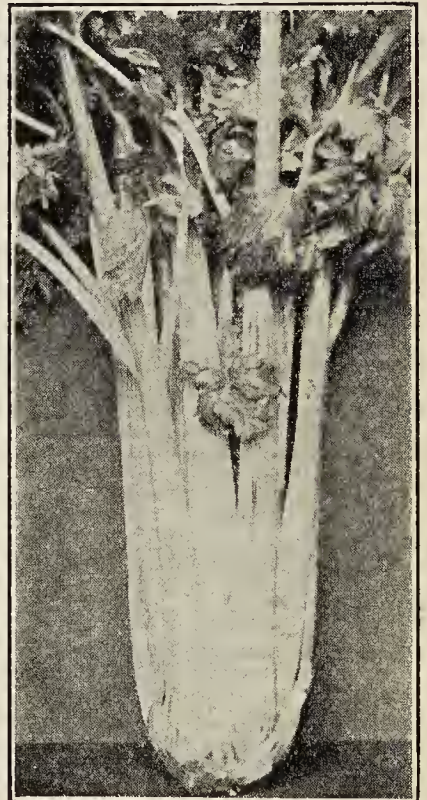
Early Snowball Cauliflower

Cauliflower

One ounce will produce 3,000 plants. Cultural directions for Cabbage apply to this crop, but the soil should be more heavily manured. Keep ground well hoed, and bring earth gradually up to stems. Water freely, especially when they begin to head. Never allow plants to become crowded in seed-bed; transplant them with great care, as any check will injure, if not prevent formation of the head. For late Cauliflower set plants in a cool, moist place. When heads form, the long leaves should be drawn over and tied above them, to keep off sun and rain.

Henderson's Early Snowball. One of the best types on the market. Its compact habit of growth renders it a very profitable variety to force under glass, and it does well for late planting, as well as for early crops. A sure header. Pkt. 15c; ¼ oz. 80c; oz. \$2.25; 2 ozs. \$3.40; ¼ lb. \$7.50.

Early Paris. Medium size. Pkt. 10c; ¼ oz. 30c; oz. 80c; ¼ lb. \$2.50; lb. \$8.00.



Giant Pascal Celery

Celery

One ounce will produce from 5,000 to 10,000 plants.

CULTURE. The conditions necessary for successful Celery cultivation are good seed, plenty of manure and complete fertilization, moisture and cultivation. The most suitable soil is rich loam, finely pulverized and highly enriched with 30 to 40 loads to the acre of good stable manure. Sow seed in boxes for early planting; later plants may be produced from seeds sown in frames or open ground. Transplant 4 inches apart when 3 inches high, water and protect until well rooted, then transplant into rows for garden culture 18 inches to 2 feet apart, for field culture in rows 4 to 6 feet apart; set the plants from 8 to 12 inches apart, supply plenty of moisture and see that plants receive thorough cultivation. They may be set either on the surface or in well manured trenches 1 foot in depth. To blanch draw earth around the plants, being careful not to cover the tops of the center shoots.

Giant Pascal. By far the most popular Celery. Medium to small size, but wonderfully well flavored. Pkt. 5c; oz. 30c; ¼ lb. 80c; lb. \$2.50.

Golden Self Blanching. Blanches easily and larger than Pascal. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.25.

Celeriac

(Turnip-Rooted Celery)

CULTURE. Grown mostly for its bulbous roots. Seeds are started and plants set out in the same way as advised for Celery. Celeriac is not usually blanched, but is very fine when thus treated, and much hardier than the stalk Celeries.

Large, Smooth Prague. An improved form of turnip-rooted Celery; round, smooth roots with very few side roots. Pkt. 5c; oz. 25c; ¼ lb. 80c.



Chicory

CULTURE. Sow in May or June in drills, thin out to 6 inches apart, treat like Endive until end of summer, when it should be banked up like Celery. The blanched stocks are used as a salad. It is also a boiled vegetable and served in the same way as Cauliflower. Witloof. The best variety. Pkt. 5c; oz. 20c; ¼ lb. 65c.

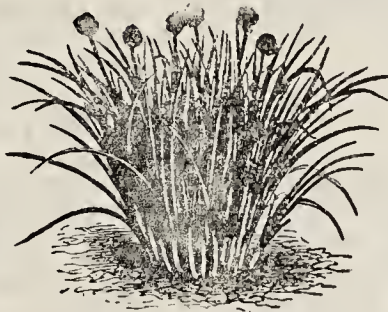
Collards

CULTURE. Sow seeds as for Cabbage, at intervals of about 3 weeks during May, June and July, transplanting at one month to rows 3 feet apart, leaving 2 feet between plants. The leaves are highly esteemed as greens. True Georgia. Pkt. 5c; oz. 10c; ¼ lb. 25c.

Corn Salad

CULTURE. Sow during August and September in drills ¼ inch deep and 6 inches apart. Keep weeds down. Just before winter, cover thinly with leaves or straw.

Large Round-Leaved. Matures in four or five weeks. Sow two ounces to 100 feet of drill. Pkt. 5c; oz. 15c; ¼ lb. 50c.



Chives

Chives

Resembles the Onion in growth and family. Used largely as salad and for flavoring, especially soups. Can be cut repeatedly during the growing season. Grown also in pots in windows. Pkt. 10c; roots 20c bunch, 3 for 55c, post-paid.

Cucumbers

CULTURE. One ounce will plant 100 hills; 2 pounds will plant an acre. Plant in hills 4 feet apart each way. Leave four of the strongest plants to each hill.

Improved Long Green. Pickle when small and unexcelled for slicing when matured. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.25.

White Spine. Early, prolific and continuous bearer. One of the most popular varieties. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00.

Early Frame. Fruit straight and smooth. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00.

Davis Perfect. Excellent for forcing under glass; also for outdoor culture. Medium in size. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.25.

Boston Pickling. Best pickling variety. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00.

Early Cluster. Medium to small; produced in clusters. Tender and well flavored. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00.

Japanese Climbing. Is grown on trellis. Makes an excellent cover for fence or porch while producing edible variety of fruit. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00.



Pickling
Cucumber

Water Cress. This variety succeeds only in damp soils on the border of ponds or streams, or where its roots are partially submerged in water. Pkt. 10c; ¼ oz. 20c; oz. 50c; ¼ lb. \$1.50.



Improved Long Green
Cucumber

Cress

Curled or Peppergrass. This small salad is much used with lettuce, to the flavor of which its warm, pungent taste makes a most agreeable addition. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.



New York Eggplant

New York Improved Purple. Fruit large, fine and free from thorns, and produces until frost; skin rich purple. Pkt. 10c; ¼ oz. 20c; oz. 50c; ¼ lb. \$1.50.

Endive

One ounce will sow 150 feet of drill. Sow in any ordinary dry soil in drills 1 foot apart, covering lightly. When the plants are about 2 inches high, thin to about 12 inches in the row. When the plants have attained full size, gather up the leaves and tie together at the tips. The inner leaves, in the course of three or four weeks, will become beautifully blanched.

Green Curled. Finely curled, dark green leaves; excellent plant. Not only most useful as a salad, but much used for garnishing. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

Broad Leaved Batavian (Escarolle). Leaves are broad and nearly plain; chiefly used in stews and soups. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

for better vegetables

VIGORO
Complete plant food

VEGETABLES must be fed to produce crisp, tender roots or fruits. When growth stops or slows down on account of lack of water or food, the result is a tough, stringy tuber. VIGORO is the ideal food for vegetables, flowers, shrubs, trees, or lawns. It is so balanced as to ingredients that it will be sure to supply the needed elements. Truck farmers are using it by the ton because they find it pays them to do so.

Kale or Borecole

One ounce will produce 2,000 plants;
4 pounds to the acre.

Drill in rows of 2½ feet and thin to 6 to 10 inches. The varieties are extremely hardy.

Dwarfed Curled Green. Extensively grown as winter greens. Sow in autumn in rows 1 foot apart and treat as Spinach. Plants very hardy, 4 to 6 inches high. Pkt. 5c; oz. 10c; ¼ lb. 35c; 1 lb. \$1.00

Tall Curled Scotch. Grows about 18 inches in height and spreads, sometimes reaching 3 feet in diameter. Desirable for winter use. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

Eggplant Garlic Sets

One ounce will
produce 2,000 plants

A strong, uniform heat is required to germinate the seeds, and a thoroughly pulverized, well enriched, warm soil is necessary to perfect the fruit. Transplant to 3 feet apart each way, and when about a foot high, support the plants by drawing the earth up around them.

Garlic sets or bulbs are planted from September to March in rows 12 inches apart, placing the sets 4 inches apart in the rows, 2 inches deep. ¼ lb. 15c; lb. 35c; 2 lbs. 65c postpaid.

Herbs

A few Pot Herbs and Sweet Herbs should have a place in every vegetable garden. A very small space will give all the herbs needed by a family. Culture is very simple; the best way is to make seed-bed in the early spring and set the plants out in beds.

All varieties in 5c, 10c and 25c packages.

Anise. Used for flavoring.

Caraway. Seeds used in seasoning.

Catnip. Leaves used for tea.

Coriander. Seeds used for seasoning.

Dill. Used for seasoning pickles.

Horehound. Very useful for curing coughs.

Lavender. Leaves very fragrant.

Rosemary. Leaves very fragrant.

Rue. A medicinal plant.

Saffron. Used for flavoring.

Sage. A highly aromatic herb; most useful of all.

Savory, Summer. Leaves and shoots used for seasoning.

Sorrel. Used in soups and salads.

Sweet Basil. Leaves used for flavoring.

Sweet Fennel. Seeds aromatic.

Thyme. Used as a seasoning.

Wormwood. Has medicinal qualities. A splendid plant for poultry.

Horseradish Roots

No home garden is complete without them. 35c doz., postpaid; 100 for \$1.50.



Kohl-rabi

The seed should be planted in the open garden in 18-inch rows and the young plants thinned to four or six inches. It does not transplant well, unless when very small.

Early White Vienna. The most desirable variety for general use. It is very early and has small tops. Color light silvery green. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00.

Early Purple Vienna. Has a bright purple bulb. The leaf and stem are green and tinged with purple. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00.

Leek

One ounce will plant 200 feet of drill;
4 pounds to the acre.

CULTURE. Leek is very hardy and very easily cultivated. Sow early in spring in rich soil $\frac{1}{2}$ inch deep, in drills 1 foot apart. When 6 inches high, transplant in rows 10 inches apart each way; as deep as possible, so that the neck, being covered, may be blanched.

Large London Flag. The oldest and best known and most largely grown variety. Pkt 5c; oz. 25c; $\frac{1}{4}$ lb. 80c; lb. \$2.50.

Lettuce

CULTURE. Sow in hotbed or boxes in February or March and in open ground as soon as it can be worked; transplant to rows 8 inches apart both ways. Extra rich, mellow soil, high cultivation and moisture are demanded by lettuce to secure best results. Lettuce is hardy and makes better growth when mercury is below 60 degrees; when above 75 degrees the plant is soon drawn out of shape. A succession of plant-

ings, at intervals of two weeks, after first outdoor planting is desirable. In August any of the variations can be sown either outdoors or in frames. In October, Grand Rapids and Denver Market, may be planted in frame to head in winter. Always sow seed thin and then thin out plants to stand from 6 to 8 inches apart in row. Lettuce requires good soil, carefully enriched with well rotted manure, and well pulverized to secure the best results. For hotbed and very early sowing, we especially recommend Big Boston, Grand Rapids, Early Curled Simpson and Black Seeded Simpson.

Loose or Cutting Varieties

Black Seeded Simpson. One of the best leaf varieties. Leaves are fluffy but not crinkled. Tender and sweet. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 75c; 1 lb. \$1.25.

Simpson's Early Curled. Crisp and tender. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 75c; 1 lb. \$1.25.

Grand Rapids. Popular because of large bunches. Leaves are rather smooth with frilled edges. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 75c; 1 lb. \$1.25.

Denver Market. Semi-head. Wrinkled leaves. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 75c; 1 lb. \$1.25.

Heading Varieties

California Cream Butter. Large, rich, creamy heads. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 75c; 1 lb. \$1.25.

Paris White Cos. Distinct from other varieties. Leaves long and straight but when tied up, heads nicely. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 75c; 1 lb. \$1.25.

Prize Head. Not really a heading variety, though usually so catalogued. Leaves are red edged. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 75c; 1 lb. \$1.25.

Hanson's Improved. Favorite with market gardeners. Heads easily if not grown too close together. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 75c; 1 lb. \$1.25.

Iceberg. Leaves have a tendency to turn in, hence sure to head. Tender and crisp. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 75c; 1 lb. \$1.25.

New York Select or Los Angeles. Solid heading variety often weighing 2 to 3 pounds. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.75.



New York Wonderful or Los Angeles
Market Lettuce

Muskmelons

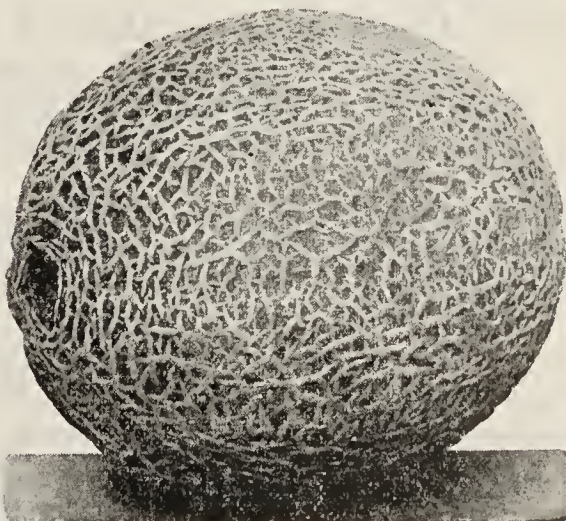
One ounce to 60 hills; 3 pounds to acre.

CULTURE. A rich, deep, sandy soil well worked and highly manured is of the utmost importance. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way; scatter a dozen seeds to a hill and afterwards thin out to 3 or 4 plants. Cantaloupes and Cucumbers are often destroyed by lice and should be well sprinkled with slug shot when the plants appear. When they have 4 leaves, pinch off the end of the main shoots, which will cause lateral branches to put forth sooner and strengthens the growth of the vines.

Burrell's Gem. An orange fleshed Rocky Ford. Fine grained and spicy. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Hale's Best Rocky Ford. Oval shaped, of netted type. Salmon flesh of fine flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Emerald Gem. One of the earliest. Green skin and salmon flesh. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.



Burrell's Gem

MUSKMELONS—Continued

Hackensack. Ribbed variety, large and round. Good market variety. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. \$1.00.

Netted Nutmeg. Medium size, early, green flesh. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

Osage, or Miller's Cream. Pink fleshed, spicy flavor. Very heavy producers. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

Casaba or Large Persian. Long, oval shape. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

Honey Dew Melon. Comparatively new type of melon. Flesh is deep green, unusually sweet and will keep 3 to 5 months after ripe. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.30.

Greeley Wonder. Salmon flesh with thick meat. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.50.

Honey Ball. Earlier than Honey Dew and smaller. Green meat with greenish-white skin. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

Mustard

When young the leaves are used for salad, which, although slightly pungent, is very appetizing. Mustard may also be cooked like Spinach and will make a very wholesome and delicious food. Sow early in the spring in shallow drills. One ounce will sow 5 feet of drill.

Mammoth Southern Curled. The large, curled leaf variety, popular in the South, where the seed is sown in the fall for spring use. Pkt. 5c; oz. 15c; ¼ lb. 25c; lb. 60c.

Brown or Black. More pungent in flavor than the white. Seed black. Pkt. 5c; oz. 15c; ¼ lb. 30c; lb. 75c.

Okra

CULTURE. Sow late in the spring, after the ground has become warm, in drills 3 feet apart, where the plants are to remain. Thin out to from 9 to 12 inches. Soil should be well manured. Plants may also be raised in pots or hotbed and transplanted.

White Velvet. Of tall growth, pods never prickly to touch, being always round and smooth. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

Early Dwarf Prolific. Grows low, but stocky and is very productive. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

Parsley

One ounce of seed for 150 feet of drill.

CULTURE. Soak the seed in warm water for several hours.

Moss Curled. A choice selected strain with beautifully crimped and curled bright-green leaves. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00.

Parsnips

One ounce for 200 feet of drill; 5 to 6 pounds for an acre.

Improved Hollow Crown. The best variety for market or home garden. Pkt. 5c; oz. 10c; ¼ lb. 35c; 1 lb. \$1.00.

Improved Guernsey. Roots not so long as Hollow Crown, but of greater diameter and more easily gathered. Pkt. 5c; oz. 10c; ¼ lb. 35c; 1 lb. \$1.00.



Hollow Crown Parsnips

Watermelons

Selected Strains of the Choicest and Best Varieties

One ounce to 60 hills; 4 or 5 pounds to the acre.

CULTURE. The culture of the Watermelon is very similar in all respects to that of the musk varieties, being hardier and of more vigorous habit. However, it may be planted in May, before settled warm weather appears, in hills not less than eight feet apart, and thinned to two vines per hill.

Kolb's Gem. The best shipping melon. Rind thin but tough. Striped, slightly oval and of good size. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

Rocky Ford. Oblong, green rind, superb flavor. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

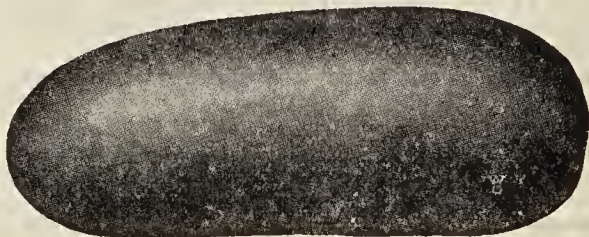
Tom Watson. A large melon, oblong and green with thick netting on entire surface. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

Kleckley's Sweet. Early, medium sized and very sweet. Skin dark green, flesh bright red. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

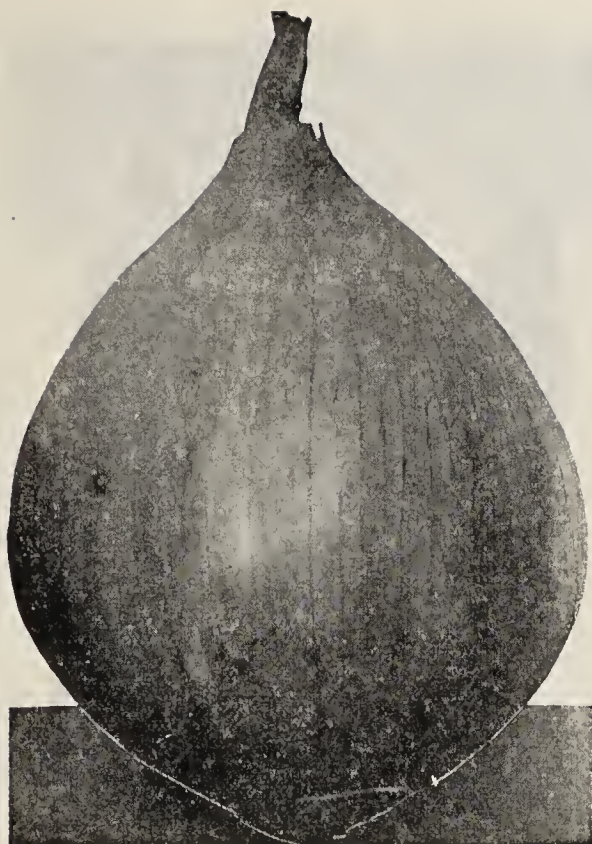
Mountain Sweet. Long, green type. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

Georgia Rattlesnake. Sometimes called "Gypsy." Very large and good shipper. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

Kansas Stock, or Colorado Preserving. A boon to dry farmers. Often weighs 60 to 70 lbs. Will keep all winter and can be fed to stock all winter. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.



Tom Watson Melon



Mountain Danver's Globe

Onions

One ounce of Onion seed for 200 feet of drill; 4 to 5 pounds to the acre.

CULTURE. Sow in drills 1 foot apart as soon as the ground can be worked in the spring. Thin plants to 3 or 4 inches apart and keep down weeds. Soil should be light and well fertilized but avoid fresh manure. In growing sets use 70 to 80 pounds of seed to the acre, drilled in very thick. The two essential points in Onion growing are, thorough preparation of the soil, and freedom from weeds.

Mountain Danver's Globe. The earliest and longest keeping Yellow Globe Onion. A full month earlier in maturing than most varieties, and one of the heaviest yielding. Frequently produces one thousand bushels to the acre. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00; 5 lbs. \$12.00.

Mountain Sweet Spanish. This onion is selected for its keeping qualities from the Riverside Sweet Spanish. It forms a large yellow globe with sweet flesh. Pkt. 5c; oz. 40c; ¼ lb. \$1.25; lb. \$4.00; 5 lbs. \$17.50.

Yellow Globe Danvers. Brownish-yellow skin with mild flavor. A very excellent variety. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00.

Prizetaker. Heavy yield on account of immense size. Skin pale straw color, flesh white and mild. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00.

Large Red Weathersfield. Best red variety. By far the finest strain of red onions. Pkt. 5c; oz. 35c; ¼ lb. 80c; lb. \$2.50.

Southport Red Globe. Matures slightly ahead of Weathersfield. Pkt. 5c; oz. 40c; ¼ lb. \$1.25; lb. \$4.00.

Silver Skin, or White Portugal. Medium sized, rather flat. Our strain is particularly excellent. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00.

White Barletta Pickling. Best pickling onion. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00.

Onion Sets

Yellow, White or Red Bottom Sets. ½ lb. 20c; lb. 35c; Write for Quantity Prices. Not Postpaid.

Pepper

One ounce will produce 1,500 plants.

Sweet Bell or Bull Nose. Early and productive, remaining green a long time. Pkt. 5c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00.

Chinese Giant, Selected. The largest of all. Pkt. 5c; ½ oz. 35c; oz. 65c; ¼ lb. \$2.00; lb. \$7.00.

Long Slim Red Cayenne. Bright red. Pkt. 5c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.35; lb. \$4.00.

Ruby King. Popular for stuffing. Pkt. 5c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.20; lb. \$3.50.

Ruby Giant. Somewhat larger than Ruby King. Pkt. 5c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25; lb. \$4.00.

Pimento. Used for pickling and salads. Pkt. 5c; ½ oz. 20c; oz. 30c; ¼ lb. 85c; lb. \$2.40.

Red Chill. Used in making chill. Pkt. 5c; ½ oz. 35c; oz. 50c; ¼ lb. \$1.50; lb. \$5.00.



Ruby King Pepper

Potatoes

CULTURE. Figure 1 pound to 7 hills. Space rows 3 ft. apart, 500 lbs. to the acre. Plant as soon as danger of killing frost is over. Be sure ground is well worked up to a good depth and fertilize with bone meal. Be sure to cut so as to leave one or two good eyes to each piece. **DO NOT PLANT TOO DEEP IF SOIL IS HEAVY.** Five inches is plenty.

Varieties. We recommend Early Ohio, Burbank or Peach Blow for light, sandy soil and IRISH COBBLER for heavy or clay soil. This latter variety has repeatedly proved itself the only consistent producer in heavy soil. 3 lbs. 25c; 10 lbs. 50c; 25 lbs. \$1.25. Add 5c lb. for postage. Quantity prices on application.

Pumpkins

One ounce will plant 15 hills; 2 quarts to acre.

CULTURE. Sow in May, when the ground is warm, in hills 8x8. Can also be grown with corn, every fourth hill of every fourth row. The common practice is to drop two or three seeds in every third or fourth hill in the cornfield. If cultivated in 8x8 hills use four plants to each hill.

Connecticut Field. Best variety for Colorado. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

Kentucky Field. Large variety similar to above. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 70c.

Mammoth Tours. French variety of great size. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.25.

Small Sugar. Finer grained and best for table use. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00.

Peas

One pound will plant 100 feet of drill; 60 pounds to acre.

CULTURE. Peas are among the first seeds that are planted in spring and need rich, well-manured soil. Sow in drills 3 feet apart and repeat until the first of July, with the exception of our Extra Early, which can be sown as late as August, on account of its early ripening and mildew resistance. The number of Peas may vary from 10 to the foot for the dwarf varieties to 8 to the foot of the medium tall and 6 to the foot of the very tall kinds.

American Wonder. 1 ft. Matures in 50 days. Bears its crop quickly and is out of the way for other crops on same ground. Pkt. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 30c; 2 lbs. 55c.

Dwarf Telephone. 2½ ft. Pods larger than Am. Wonder. Well flavored and productive. Pkt. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

Telephone (Pole). 3½ ft. Best of the pole varieties. Pkt. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

Yorkshire Hero. 2½ ft. Hardy kind of good flavor. Pkt. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 30c; 2 lbs. 55c.

Champion of England. 3 ft. Considered standard for summer use. Everbearing in nature. Pkt. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

Gray Sugar (Edible pods). Growing in popularity. Pkt. 5c; ¼ lb. 15c; ½ lb. 25c; 1 lb. 45c; 2 lbs. 80c.

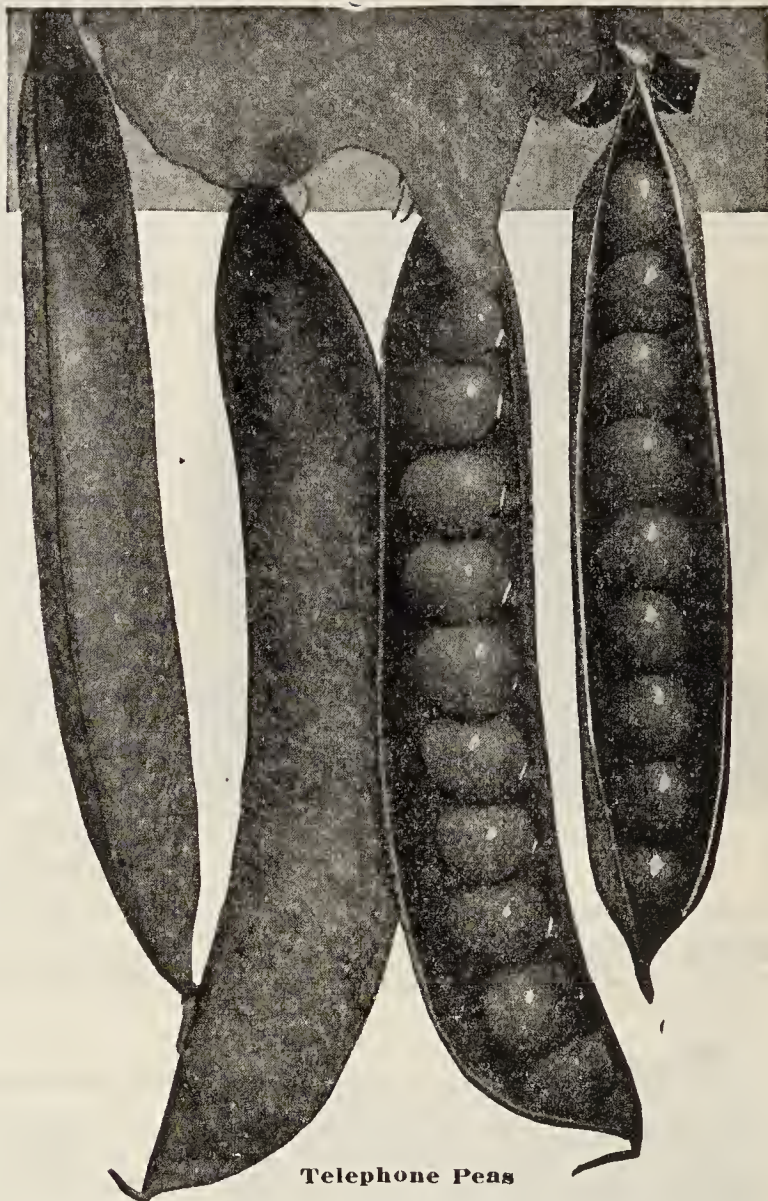
Blue Bantam. Early and dwarf. Very sweet. Pkt. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 30c; 2 lbs. 55c.

Gradus, or Prosperity. 3 ft. Early as any standard sort and one of the best early kinds. Pkt. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

Premium Gem. Peas small and sweet, pods well filled. Pkt. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

Alaska. 2½ ft. Earliest of all, though not so sweet. Truckers plant February 22nd if ground can be worked. Pkt. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 30c; 2 lbs. 55c.

First and Best. 2½ ft. Good canning variety. Pkt. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 30c; 2 lbs. 55c.

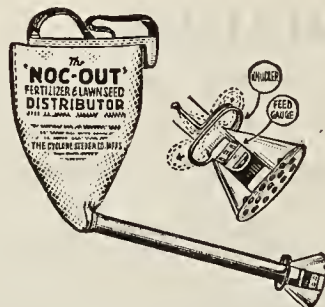


Telephone Peas

Bliss Everbearing. 3 ft. One of the most prolific. Peas very large and wrinkled. Pkt. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

Laxtonian. 2 ft. Almost as early as the earliest. Very heavy cropper and a general favorite. Pkt. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

Stratagem (Improved). Middle crop sort. Good sized pods borne in abundance. Pkt. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 30c; 2 lbs. 55c.



NOC-OUT FERTILIZER
Distributor \$1.00 each
Postpaid

MUSHROOM SPAWN, Lambert's Pure Culture. One brick will spawn eight square feet of beds. Free cultural leaflet on request. Per brick, 35c; 5 bricks, \$1.50 Postpaid. 10 brick lots, not prepaid, \$2.25; 100 bricks, \$18.00.

Radish

One ounce to 100 feet
of Row

CULTURE. The soil for radishes should be very rich, light and mellow, well broken by digging, as their tender and mild qualities depend much upon their rapid growth. For very early use, sow in gentle hotbeds in February, and in open air as soon as the ground can be worked; then at intervals of ten or twelve days, for a succession as long as they may be wanted. The winter varieties should be sown in August, lifted before severe frost, and stored in the cellar.

Sow in drills 1 foot apart and cover lightly; thin out while small to 3 inches apart. Hoe often.

Vick's Early Scarlet Globe. One of the best, both for forcing as well as open culture. Early, crisp and tender. Pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. 85c.

French Breakfast. Pink with white tip. Olive shaped. One of the earliest and best. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c.

Rosy Gem. Round, red with white tip. Very early. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c.

Sparkler. Similar to above except that it gets larger. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c.

Icele. The king of all long radishes. Always tender, crisp and mild. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c.

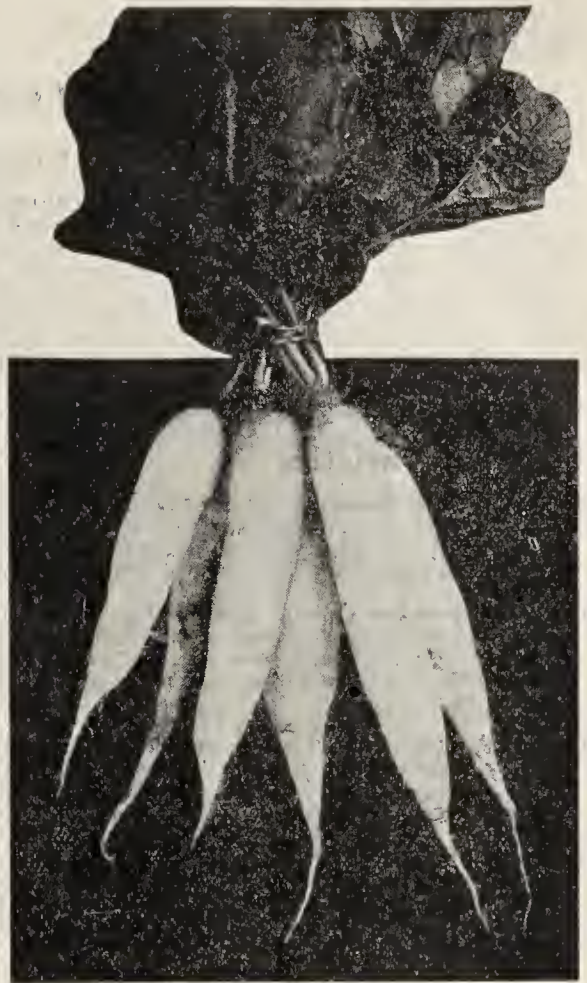
Simpson's Glass. Long, light pink type with transparent white flesh. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c.

Long Brightest Scarlet. The handsomest radish grown. Scarlet above and white below. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c.

China Rose Winter. Flesh firm and white; will keep all winter. Pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. 85c.

Long Black Spanish Winter. Black skinned with white flesh. Gets to enormous size. Pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. 85c.

Round Black Spanish. Globe shaped roots with black skin. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 85c.



Icele Radishes

Rhubarb or Pie Plant

Linneus Giant. For market gardeners the best. Pkt. 5c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.30.

Strawberry. By far the sweetest, though small in size. Pkt. 5c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.30.

Rhubarb Roots, 2 for 25c; \$1.25 doz. Postpaid.

Salsify or Oyster Plant

CULTURE. The oyster plant succeeds best in some light, well-enriched soil which previous to sowing the seeds should be stirred to the depth of 18 inches. Sow early in the spring in drills 15 inches apart; cover the seeds with fine soil 1 inch deep. One ounce for 60 feet of drill; 7 pounds to one acre.

Mammoth Sandwich Island. This splendid variety grows to fully double the size of the old sort; is of superior quality and delicate flavor. The Oyster Plant is one of the most nutritious and delicious vegetables and should be more generally cultivated for winter use when the supply of really good vegetables is limited. No market gardener should fail to grow it. It is a paying proposition. Pkt. 5c; oz. 20c; ¼ lb. 65c; 1 lb. \$2.00.

Spinach

One ounce will sow 50 feet of drill; 12 to 16 pounds to acre

CULTURE. This is a very important crop in our market gardens, and is one of the most easily managed of all vegetables, requiring but little culture, and may be had fit for use the entire season. The main crop is sown in September. It is sometimes covered up in exposed places with straw or salt hay during winter, which prevents it from being cut by frost; but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two to three weeks from April to August. Spinach is best developed and most tender and succulent when grown in rich soil.

Long Standing. The best for spring sowing. Stands a long time before shooting to seed. Large thick leaves, excellent for greens. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 40c.

New Zealand. Makes a luxuriant growth all summer. In appearance entirely distinct from other spinach. Its quality is very desirable and tender. Soak the seed in warm water before planting. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c.

Round Summer. This variety is generally preferred for early growing and is popular with market gardeners. Leaves thick and fleshy. Not quite as hardy as the prickly, but stands winter well. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 60c.

Monstrous Leaved Viroflay. Quick, strong growth; much used by New York truckers. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 60c.

Squash

One ounce will plant 30 hills; 3 to 4 pounds an acre.

CULTURE. The plants are very tender and sensitive to cold, and planting must be delayed until settled, warm weather. The general principles of culture are the same as those given for cucumbers and melons, but the plants are less particular as to soil. The summer varieties should be planted 4 feet apart each way and the winter sorts 8 feet. Three plants are sufficient for a hill. Care should be taken not to break the stems from the squashes intended for winter use, as the slightest injury will increase the liability to decay.



Golden Summer Crook Neck

Summer Varieties

Early White Bush. This is the well known White Patty-pan Squash. The earliest to mature, very productive; light cream colored. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00.

Golden Summer Crook Neck. Very early and productive. Fruit about 1 foot long, with crooked neck and warty surface; color bright yellow. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00.

Giant Crook Neck. This strain is a great improvement on the old variety of Crook Neck. It is larger and better in every way. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00.

Yellow Summer Straight Neck. Similar in all ways to the Crook Neck except that it grows straight. Packs better. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

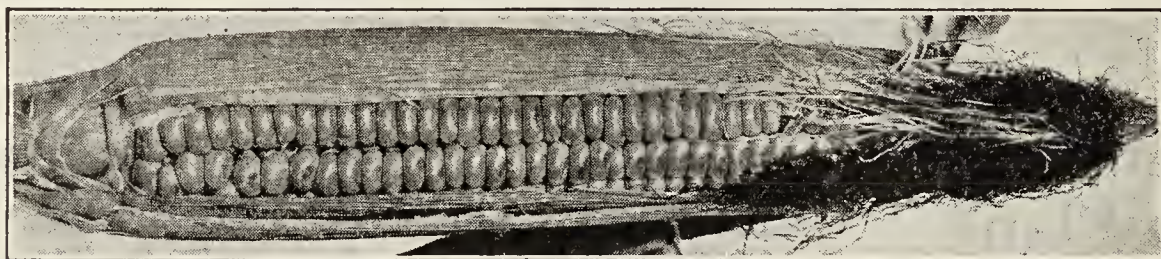
Winter Varieties

Table Queen or Acorn. A deep green winter sort, just the right size to halve and bake and serve as individual helping. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.30.

Warty Hubbard. Best shipper and best keeper. Shell is hard and warted. Dark olive green. Pkt. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 85c; lb. \$1.50.

Golden Hubbard. Somewhat smaller than the above, a trifle earlier but not so good a keeper. Pkt. 5c; oz. 15c; ¼ lb. 40c; ½ lb. 75c; lb. \$1.25.

Boston Marrow. Orange color with distinct flavor. Pkt. 5c; oz. 10c; ¼ lb. 25c; ½ lb. 45c; lb. 80c.



Sweet Corn

One pound will plant about 180 hills; 10 to 12 pounds to an acre, in hills.

CULTURE. Sweet Corn should not be planted very early in the season; the soil must be warm and should be a rich loam. If planted too early the seed is apt to rot. Sweet Corn will not make any progress until the weather is warm. If possible select a sheltered location for the very early kinds. A succession can be continued with the later kinds by planting at regular intervals from June to middle of August, thus insuring a continuous supply of table corn throughout the summer and fall months. Plant the small early varieties in drills 2½ feet apart and 10 inches apart in the rows. The taller varieties should be planted in drills 3 feet apart and 12 to 14 inches apart in the rows. Rich manure worked into the soil will increase the crop.

Write for Quantity Prices.

Golden Bantam. The First Early Sweet Corn. Rich and delicious flavor. Pkt. 5c; ¼ lb. 15c; ½ lb. 25c; lb. 40c; 5 lbs. \$1.70.

Bantam Evergreen. Practically as early as Golden Bantam, with longer cob. Excellent flavor. Pkt. 5c; ¼ lb. 15c; ½ lb. 25c; 1 lb. 40c; 5 lbs. \$1.70.

Mayflower. One of the very earliest white Sweet Corns with regular sized cobs. Highly recommended. Pkt. 5c; ¼ lb. 15c; ½ lb. 25c; lb. 40c; 5 lbs. \$1.70.

Country Gentleman. "Shoe Peg." Grains not in rows on the cob. Very fine flavor. Pkt. 5c; ¼ lb. 15c; ½ lb. 25c; lb. 40c; 5 lbs. \$1.70.

Early Evergreen. Has all the good qualities of Stowell's Evergreen and matures earlier. Pkt. 5c; ¼ lb. 15c; ½ lb. 25c; lb. 40c; 5 lbs. \$1.70.

Howling Mob. Produces two splendid ears to the stalk. Early, sweet and of good size. Pkt. 5c; ¼ lb. 15c; ½ lb. 25c; lb. 40c; 5 lbs. \$1.70.

Extra Early Minnesota. Early and large. Stalks not very tall. Pkt. 5c; ¼ lb. 15c; ½ lb. 25c; lb. 40c; 5 lbs. \$1.50.

Peep-O-Day. Early as Golden Bantam. Ears average about 6 inches in length. Sweet and juicy. Pkt. 5c; ¼ lb. 15c; ½ lb. 25c; lb. 40c; 5 lbs. \$1.50.

POPCORN

Giant Spanish. Favorite with many. Large ears and large grains, popping quickly and very crisp. Yields more to acre than any other popcorn. Pkt. 5c; ¼ lb. 10c; lb. 30c; 5 lbs. \$1.25.

Yellow Dynamite. The best popping corn yet produced. As large as Giant Spanish, but more tender. Pkt. 5c; ¼ lb. 10c; 1 lb. 30c; 5 lbs. \$1.25 postpaid.

Swiss Chard Tomatoes

Under Beets,
page 10



Livingston's Beauty

One ounce of seed will produce from 3,000 to 4,000 plants.

CULTURE. Sow seed in a box or hotbed early and transplant at least once to get a strong root growth. When danger of frost is over set in open ground 3 to 5 feet apart each way and cultivate thoroughly. Fruit may be had several days earlier by transplanting into small pots and then setting out the entire contents as soon as ground is warm. The varieties of Tomatoes described in this seed book comprise the very best kinds known to the trade and none are included that do not possess some merit.

Livingston's Beauty. A smooth pink variety. Popular with local gardeners. Pkt. 5c; oz. 30c; ¼ lb. \$1.00.

Marglobe. Certified. A new, bright red; round, and large. One of the favorites on the market. Pkt. 5c; oz. 35c; ¼ lb. \$1.00.

Ponderosa. Dwarf beefsteak variety, pleasing dark red. Pkt. 5c; oz. 50c; ¼ lb. \$1.25.

Chalk's Early Jewel. Round, bright red, and meaty. Very early. Pkt. 5c; oz. 30c; ¼ lb. \$1.00.

John Baer. One of the best early scarlet, heavy bearers. Pkt. 5c; oz. 30c; ¼ lb. \$1.00.

Earliana. Medium sized, early red. Pkt. 5c; oz. 35c; ¼ lb. \$1.00.

June Pink. An early pink variety that bears heavily. Pkt. 5c; oz. 30c; ¼ lb. \$1.00.

Dwarf Champion. (Tree variety). Sturdy stems bearing many medium sized purplish-red fruits. Pkt. 5c; oz. 35c; ¼ lb. \$1.00.

Early Detroit. A second early, globe shaped, smooth variety. Purplish-red. Pkt. 5c; oz. 40c; ¼ lb. \$1.15.

Small Fruited Varieties

Red Pear, Yellow Pear and Yellow Plum. Pkt. 5c; oz. 50c; ¼ lb. \$1.25.

Husk or Ground Cherry. Pkt. 5c; oz. 50c; ¼ lb. \$1.25.

Turnips

One ounce will sow 150 feet of drill; 2 lbs. will sow an acre.

CULTURE. For early use, sow as soon as the ground can be worked in spring in drills 15 inches apart and thin to 8 inches apart as soon as the plants are large enough to handle. For succession, sow at intervals of a fortnight until the last week of July, from which time until the end of August sowings may be made for main and late crops. The sowings should be made just before rain if possible, a rapid growth being important.

Early White Egg. General favorite. Flesh is white, firm and mild without the pungent taste. Pkt. 5c; oz. 10c; ¼ lb. 25c; ½ lb. 45c; lb. 75c.

Purple Top Strap Leaf. Best flat type for fall planting. Excellent for stock or table. Pkt. 5c; oz. 10c; ¼ lb. 25c; ½ lb. 45c; lb. 75c.

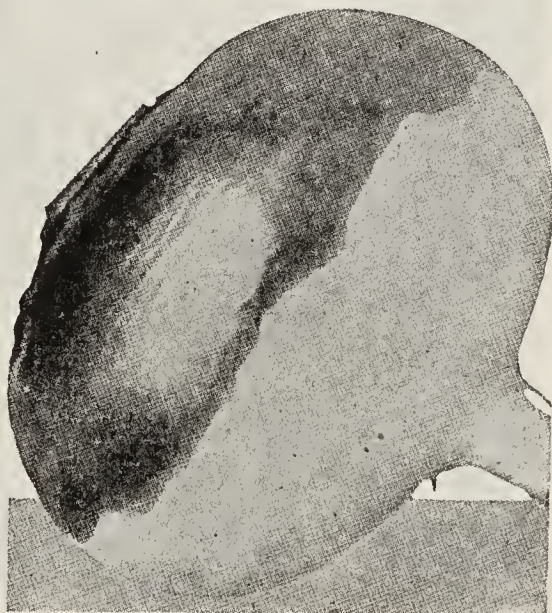
Early White Flat Dutch. Good quality. Pkt. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 35c; lb. 60c.

Purple Top Globe. Larger than White Egg. Pkt. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

Yellow Aberdeen. Especially good for feeding. Pkt. 5c; oz. 10c; ¼ lb. 25c; ½ lb. 45c; lb. \$1.75.

Rutabagas

Improved Purple Top. Perfect keeper, large, solid and sweet. An old-time favorite never improved upon. Pkt. 5c; oz. 10c; ¼ lb. 25c; ½ lb. 40c; lb. 75c.



Purple Top Strap Leaf Turnip

Hardy Perennial Plants

ALL
POSTPAID

THOSE MARKED * ARE SUITABLE FOR ROCK GARDENS

Each 20c; 3 for 55c; 6 for \$1.00; 12 for \$1.80 Unless otherwise noted

***Achillea** (Yarrow or Milfoil). Desirable garden subjects for any soil. Good for cut flowers. Finely cut foliage, frequently silvery. **Millefolium Roseum**. 1½ feet, summer, rosy pink.

Anchusa (Summer Forget-Me-Not). Fine, tall blue flowers for massing. Moisture lover.

***Aquilegia Coerulea**. True Rocky Mountain Columbine. Large roots. **20c each**.

Aquilegia-Hybrids. Some beautiful combinations of colors. All varieties do best in shady places.

(**Hardy Aster**) **Michaelmas Daisy**. A fine perennial for tall borders or mass effects, very hardy and blooms well in almost any location. Named varieties in white, cream, pink, light blue, lavender and purple.

Bellis (English Daisy). Very popular, low growing, six to eight inches. Blooms very double and full, something like a small Aster. Basket of 6 plants. **50c**.

Bleeding Heart. One of the easiest to grow, and one of the most beautiful. **40c each**.

Campanula (Bell Flower). These come in great variety in height from 18 to 48 inches and colors from white through the shades of blue to deep violet. This family also includes the well known Canterbury Bell. **25c each; \$2.50 per doz**.

Centaurea (**Hardy Corn Flower**). A graceful and attractive plant. Height two to three feet. Valuable for cuts, as it has a



Delphinium

good stem. Colors: white, yellow, red and rosy purple.

Chrysanthemum. Handsome and vigorous. Height about twenty-four inches. Fine for borders. We carry named varieties in many shades and colors.

Coreopsis. Good for cut flowers and continues in bloom through the entire season.

Delphinium. Larkspur, Belladonna. Light blue. Bellamosum, dark blue.

Dianthus (Pinks). Another large and valuable group. Some for borders, others suitable for rock gardens. All members of this family are hardy and will thrive in either heavy or sandy soils. Colors: White, light or deep pink, red and mauve. They are all-season bloomers.

Digitalis. Foxglove. An old-time favorite.

Gaillardia. Begins to flower in June.

***Geranium** (Cranesbill). Easily grown plants giving masses of small, showy flowers and good foliage. Most of them have a magenta tinge. **25c each; \$2.50 per dozen**.

***Geum**. A good border subject, attractive foliage, bright scarlet flower. **25c each; \$2.50 per dozen**.

Goldenrod. Needs no description. Strong roots.

Golden Glow. Strong roots.

Gypsophila (Baby's Breath). **Paniculata**, single, **20c each**. Double, grafted roots, **50c each, \$5.00 doz**. **Bristol Fairy**, early and very large. Not as good for drying as the **Paniculata** or **Double Blossom**. **60c each, \$6.00 doz**.



Aquilegia Coerulea

HARDY PERENNIAL PLANTS—Continued

Those Marked * are Suitable for Rock Gardens

Helianthus (Hardy Sunflower). One of the most valuable tall borders. It is a hardy, vigorous grower with good foliage, flowers in this country in August and September. Color: Golden yellow. 25c each.

Hemerocallis. Lemon Lilly. Very satisfactory and pretty. Flowers are bell shaped of clear lemon yellow.

Hibiscus (Crimson Eye). Immense white flower with crimson eye. 25c each.

Holyhocks. Double only. Can furnish in separate colors as follows: Buff, white, yellow, maroon, red, pink, blush, black.

Iberis (Hardy Candytuft). Grows low with beautiful foliage, fine for rock work or low borders.

***Iris**. Germanica. Excellent for borders. Can supply in colors as follows: Blue, cream, purple, bronze, lavender, yellow, pink.

Iris Dalmatica. The finest of all Iris. Grows to four feet, producing massive flowers of rich lavender. Very fragrant.

Lathyrus Latifolius (Everlasting Pea). A desirable, hardy climber, much like the annual sweet pea. Six feet, July, white, pink, red.

***Linum** (Flax). A desirable border plant having light, graceful foliage and bearing flowers all summer.

***Alpinum**. 1 to 1½ feet, June to July, blue.

***Arboreum**. 1 foot, May, yellow.

Lupinus. Somewhat resembles the larkspur but has a greater variety of colors and is fragrant. We have it in white and lavender-blue. 25c each; \$2.50 per doz.

Oriental Poppy. The largest poppy, often nine or ten inches across when open. Color is a rich, fiery red. Perfectly hardy.

Pentstemon. A rather low border that is hard to beat, the blooms rise above a beautiful mat of variegated foliage.



Hardy Phlox

Hardy Phlox. See next page.

Platycodon (Chinese Bell Flower). Attractive border plant with peculiar shaped blue flower. Blooms in July and likes lots of sun. 25c each; \$2.50 per doz.

Pyrethrum (Persian Daisy). A fine perennial, greatly improved of late. Prefers a rather open location, grows two to four feet, flowers are of Daisy type in a good variety of colors.

***Ranunculus** (Buttercups). Deep green foliage, small, bright yellow flowers in clusters. A good border plant. No particular soil needed.

Salvia (Meadow Sage). A group of plants giving exceptionally fine spikes of small, graceful blue flowers. Do well anywhere in the border.

Scabiosa (Blue Bonnet). Good border plants. Fine blue flowers on long stems, good for cutting. Any well drained soil and a sunny place needed.

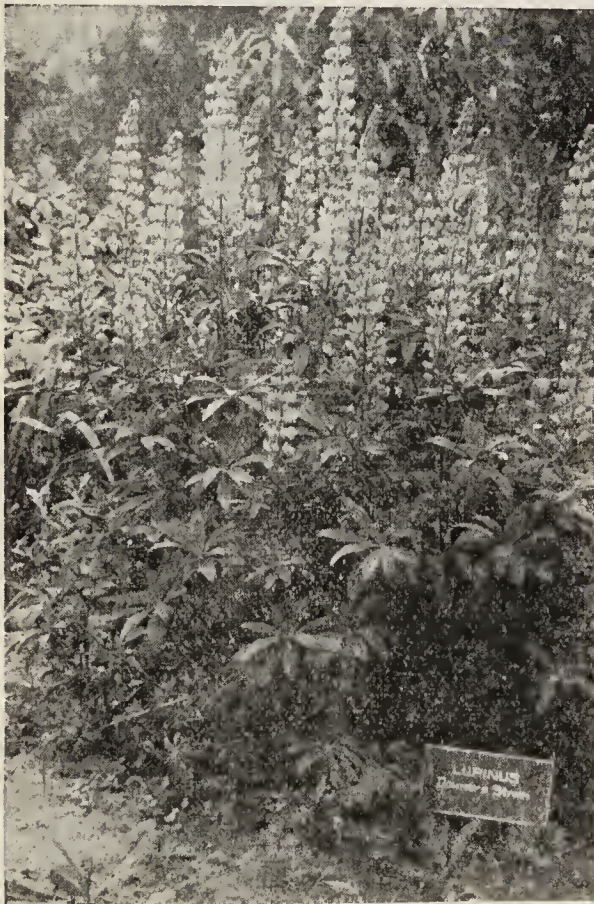
Shasta Daisy (Alaska). Immense white flowers with yellow center.

Statice (Lavender Baby's Breath). Produces a profusion of tiny lavender colored blooms in clusters or sprays useful for blending with other flowers. Can be cut when in full bloom and dried for winter use.

Sweet William. Flowers in clusters like phlox.

Tritoma (Red Hot Poker). One of the most attractive perennials. If you want a bed of flaming color that will last through the summer this is the one to use. A little more expensive to start than annuals but cheaper in the long run. Colors: White, yellow and orange red. 35c each; \$3.50 per doz.

Veronica (Speedwell). Some of the best garden subjects are found here. A fine range of blue spikes with attractive grayish foliage. Will do finely in any good rich soil in full sun.



Lupinus

Hardy Perennial Phlox ALL PREPAID

Each 20c; 3 for 55c; 6 for \$1.00

Bloom from June to September, in large heads that make marvelous bouquets.

B. Comte, brilliant french purple.

Blue Hill, the nearest to a blue phlox.

Bridesmaid, large pure white, with crimson eye.

Phlox, Sublata. (Dwarf, or creeping Phlox). In shades of rosy pink, bright pink, and lavender. 25c each; 3 for 70c.

Firebrand, brilliant orange scarlet.

Mrs. Jenkins, extra large pure white.

Thor, deep salmon pink, with scarlet eye.

Splendid Varieties of Iris



Iris

Healthy stock, grown in sunny Colorado, the ideal Iris climate. Standard divisions, all guaranteed true to name. All Iris Priced prepaid anywhere in U. S.

Ambassadeur. A remarkable French variety that will eventually be in the collection of every Iris lover. Standards bronzy-violet. Falls rich velvety red-violet. **Each 25c.**

Black Prince. The true Perry origination. Standards intense violet-blue. Falls black-purple, suggesting that rich velvety texture of the famous Dominion Iris. **Each 25c.**

Dream. Standards and falls both lilac to Chinese violet. Classed as pink, and one of the finest in this color class. A sure enough lovely dream. **Each 20c.**

Isolene. Standards lovely rose-pink. Falls purplish-old rose with golden throat. **Each 20c.**

Lent A. Williamson. Very large flowers on tall, strong stems. Standards lavender-violet. Falls velvety violet-purple. The whole flower is suffused yellow, more heavily towards the center. A massive Iris, vigorous in growth and a beauty. **Each 15c.**

Mother of Pearl. Both standards and falls iridescent shades of mother of pearl. Good large flowers on tall stems. **Each 25c.**

Oriflamme. An enormous-flowered French Iris of most pleasant color combination. Standards dark lavender. Falls hortense-violet. Edges of the sweetly scented blooms are daintily waved or crimped like a Spencer Sweet Pea. **Each 15c.**

White Knight. Strong growing plant with pure white blossoms. **Each 15c.**

Special IRIS Collection—12 Unnamed Varieties for 75c. This might be called the beginner's collection. It is offered to illustrate the value of some of the new kinds.

Choice Hardy Lilies

All Prepaid.

Auratum, Gold banded lily of Japan. White with gold band and red spots. 35c each; 3 for \$1.00.

Album, Snow White Lily, pure white, with golden green throat. 35c each; 3 for \$1.00.

Henryii. Yellow Show Lily. Brilliant salmon-orange, spotted with reddish brown. 35c each; 3 for \$1.00.

Elegans. Deep crimson blooms, with black spots. 35c each; 3 for \$1.00.

Lily of the Valley. Lovers of shady places. Should be planted in sandy soil where they will increase rapidly. 60c per doz., 25 for \$1.00.

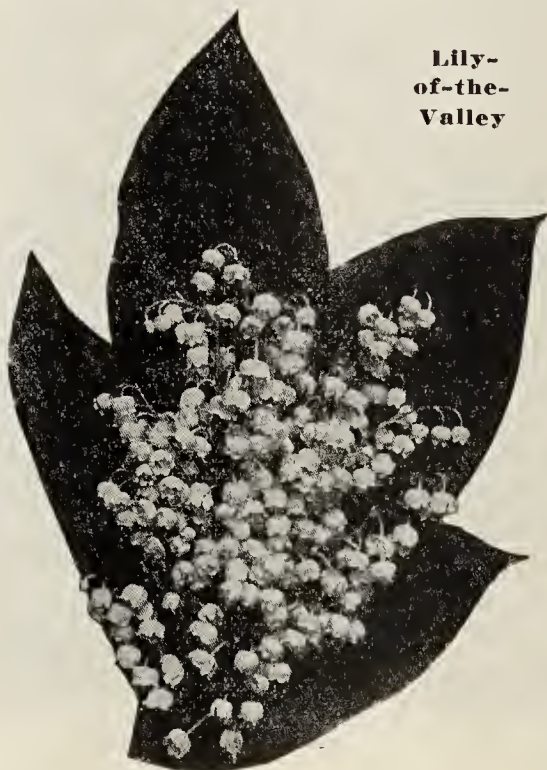
Regale or Royal Lily. 35c each; 3 for \$1.00.

Rubrum, rose pink to red, with crimson spots.

Tenuifolium or Coral Lily. Deep coral-red flowers, with reflected petals.

Tigrinum or Tiger Lily, Double. Bright salmon-red, with purple spots. 20c each; 3 for 55c.

Lily-of-the-Valley



Summer Flowering Bulbs

THESE PRICES ARE PREPAID

Amaryllis. Grown in open ground or in pots indoors. Take up in the fall and transfer to pots.

Johnsonii. Glorious giant red. 45c each; 3 for \$1.20.

Giant Hybrids. Many colors and shades. 40c each; 3 for \$1.00.

Cinnamon Vine Bulbs. Sometimes need protection in winter. Glossy, lace-like leaves. 10c each; 1 dozen for \$1.00.

Hyacinth Candicans. (Summer Hyacinths) About 4 ft. tall, with small white blooms resembling Hyacinths. 2 for 25c; 1 dozen for \$1.25.

Maderia Vine Tubers. Fast growing vine with attractive foilage. Dig bulbs in fall and store in cool, dry room. 10c each; 3 for 25c; 12 for 75c.

Oxalis Lasiandra, or Summer Flowering. soft pink. 1 dozen for 25c.

Ranunculus (Buttercup). Assorted colors. Fine for rock gardens. Tecolote, 2 year old bulbs, 12 for 50c.

Tigridia, or Shell Flower. Exceptionally pretty flowers about 1 foot high. 2 for 25c; 12 for \$1.50.



All-Leather — DIRT-PROOF
SOFT AS KID — Extra Pliable

Ideal gloves for men and women, made from select imported leather processed to render it amazingly soft and pliable, as well as durable. Permit almost barehand freedom with perfect comfort, yet insure complete protection from dirt, scratches, bruises, stains. Economical—outwear 6 pairs of fabric gloves and are useful the year round for Garden, Housework, Painting, Yard, Furnace, Garage, etc.

WASHABLE!

Sizes for women: "Small," "Medium," "Large"—for men: "Medium," and "Large." Price, 75 cents a pair (2 pair, \$1.40), postpaid.

Tuberose Bulbs. Dwarf Pearl. Delightfully fragrant; white. Can be taken up and potted for indoor culture in the fall. 4 for 25c; 12 for 60c; 25 for \$1.00.

Tulips, Daffodils, etc. must be planted in the fall. Ask for our Fall Bulb List.



CANNAS

Begonias, Tuberous Rooted. We have the giant hybrids which are so much admired. Can be grown in open ground but should be dug and potted before freezing weather. 20c each; 3 for 55c; \$2.00 dozen.

Caladium (Elephants Ear). Effective for foilage plants. Require plenty of water. Large bulbs 25c each; 5 for \$1.00.

Calla Lilies. Golden Yellow. 20c each; 3 for 50c.

Cannas. 3 for 25c; 1 dozen for 85c.

Hungaria, the best large rose-pink, 4 ft.

King Humbert, large scarlet with bronze leaf, 4 ft.

Orange Bedder, bright orange, suffused scarlet, 4 ft.

Richard Wallace, bright yellow, green leaf, 4 ft.

The President, large scarlet with green leaf, 4 ft.

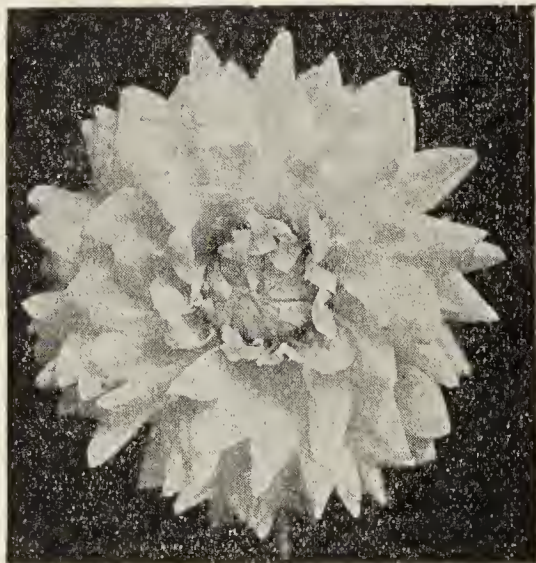
Yellow Humbert, bright, clear yellow, green leaf, 4 ft.

Mixed Cannas, good assortment, 75c dozen.

Superb Giant Dahlias

PRICES POSTPAID

Dahlias are easily grown and so exceptionally satisfactory that every garden should have a good variety. Some of the newer varieties are truly enormous in size and striking in color and form. We list only those that are well worth while. If you are a **Dahlia Fancier** bring in your list and let us quote you on some of the more rare kinds



Show Dahlia

Superb Cactus Dahlias

Each 25c; 3 for 70c; \$2.40 Dozen

- Countess of Lonsdale.** The most free-flowering Dahlia grown, rich salmon.
Dainty. Rosy pink, shading to pale lemon.
Emily Russel. An American beauty red with good stems.
Genesta. Rich bronze with orange cast.
Standard Bearer. Rich fiery scarlet.

Standard Decorative Dahlias

Each 25c; 3 for 70c; \$2.40 Dozen

- Berch Von Heemstede.** An extra fine, clear, rich yellow.
DeHee. A glowing rose-pink that is sure to please. The stems are long and stiff.
Flamingo. An ideal variety for cutting. Bright shell pink.
Mina Burgle. A very free-flowering, vivid dark red on good stems.
Mrs. Thos. Burch. Rich old gold, sometimes marked with pink.
Souvenir Douzon. An immense flower with flat petals, full to the center. The largest red in the decorative section.

Show and Fancy Dahlias

Each 25c; 3 for 70c; \$2.40 Dozen

- Dr. I. B. Perkins.** An ideal white. Its large, pure white flowers are borne on long stems.
D. M. Moore. A deep, velvety maroon of mammoth size.
W. W. Rawson. An exceptionally fine pure white, tips of petals overlaid with delicate lavender.
Stradella. A large, full, well rounded purple.
Victory. Of immense size and perfect form, deep yellow, each petal tipped with cherry red.

Giant Peony-Flowered Dahlias

(see illustration next page)

- Coconina.** Intense vivid red on good stems. An early and free bloomer. 25c each.
Doris Wilmore. An extra large, fine dahlia with long, erect stems. Keeps well in water as a cut flower. Color, rich apricot bronze, 50c each.
Francis Daniels. Long, erect stems hold bloom above foliage, a delicate shade of light pink. An ideal peony type. 50c each.
Happy Dream. Large flowers of good substance, stems long and wiry. Bright pink, shaded lavender. 50c each.
Isa. Light fawn pink changing to amber. Very free bloomer. Beautiful for evening decoration. 50c each.

- Laura Barnes.** Beyond question one of the grandest dahlias ever grown. Immense orange red. One of the most popular. 50c each.
Naiad. A beautiful flower resembling a water lily. A cream-pink. Excellent for cutting. 50c each.
Oriole. A fine, large dahlia with good stems. Color, burnt orange, sometimes with white tips. 50c each.
Sweetheart's Bouquet. An unique shading of salmon rose. Very large, with good stems. 25c each.
Whip O' Will. An immense flower, 7 to 9 inches in diameter. Petals broad and flat, color, vivid scarlet. 50c each.

Protect your hands with **Eezy Wear Garden Gloves**. They are so soft, so easy to clean, so comfortable.

Only 75c per pair, and will last several seasons.

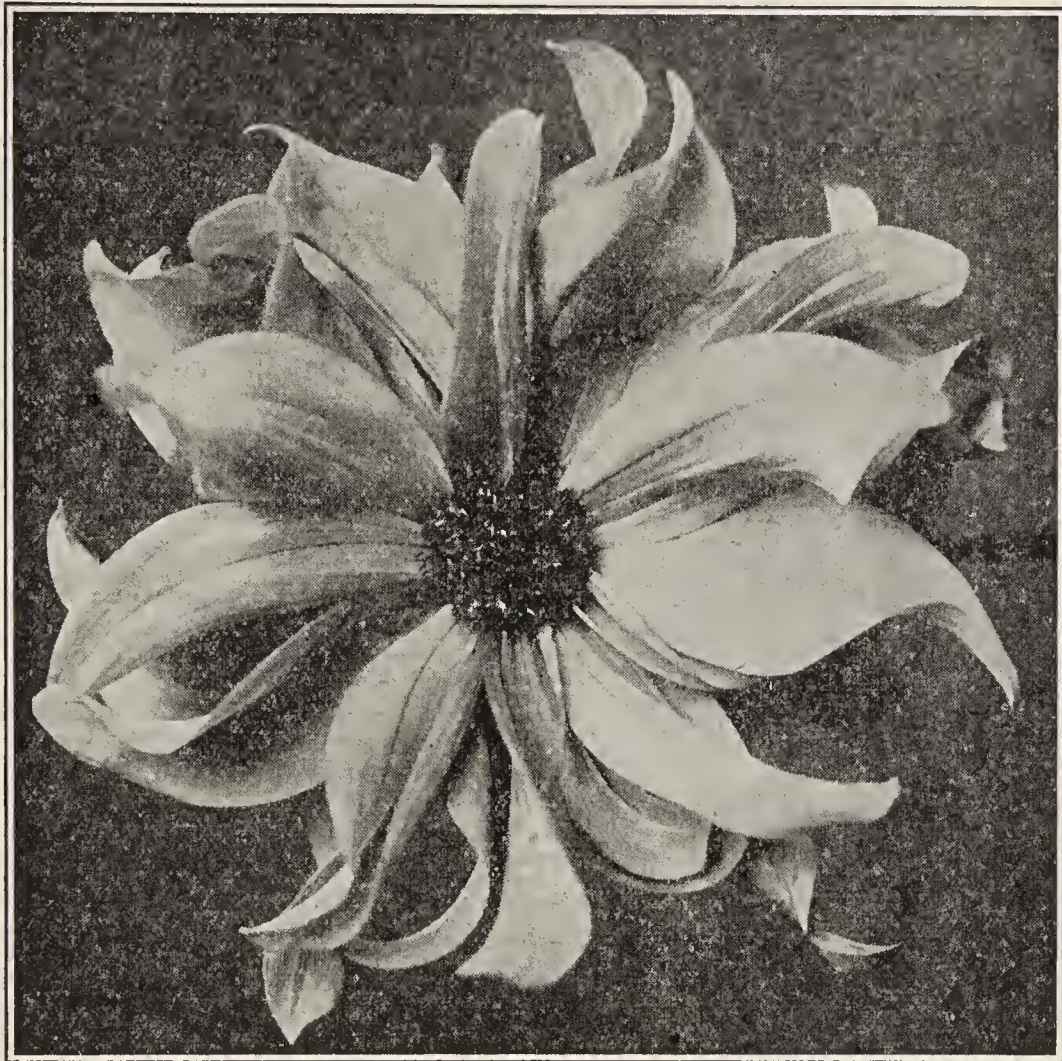


See page 23 for description of **Eezy Wear Garden Gloves**. They make gardening a pleasure because they fit so perfectly you hardly realize you have gloves on, yet your hands are protected.

SEE NEXT PAGE FOR FANCY DAHLIAS

New Dahlias of Unusual Merit

ALL POSTPAID—ALL LABELED



Peony-Flowered Dahlias

Pride of Fort Morgan. A giant red decorative type. The largest and best red of its kind. Often 9 inches or more in diameter. 50c each.

Elizabeth Long. A giant flower on plants up to 7 feet tall. Diameter of blooms 9 to 11 inches. Color, a combination of autumn tints, amber, pink and bronze. A dahlia you will be proud to own. \$1.00 each. A hybrid cactus.

Dahlmoor Orchid. Another hybrid cactus dahlia of exceptional beauty. The color is a clear orchid pink. Flowers are large, with broad petals, facing upward at the end of the stems. \$1.00 each.

Dahlmoor Radiant. A rich garnet-red, on long stems. Blooms early and freely. \$1.00 each.

Avalon. One of the largest and finest dahlias grown. Clear, rich yellow with good stems. 50c each.

Blue Bird. The nearest approach to a blue yet originated. In twilight it appears a distinct blue. A large decorative type on good stems. 50c each.

Graustark. A large mauve-pink with stems 18 to 20 inches long. Fine for cuts. Decorative type. \$1.00 each.

Jane Cowl. A wonderful decorative that has won prizes wherever shown. Flowers are 8 to 11 inches in diameter. Old gold and amber. 50c each.

Kathleen Norris. The wonder dahlia of the century. A huge clear pink on upright, long stems. The best pink dahlia grown. \$1.00 each.

Lemonade. Immense clear, lemon-yellow of fine formation. \$1.00 each.

Pattisumma. Large decorative, with long stems. Glowing, rich purple. 75c each.

Pflagers Victory. One of the best whites yet produced. Flowers are large and of excellent form. Highly recommended. 75c each.

Souvenir St. Mihiel. Color, darkest crimson red without shading or variation. Large, and well formed. 75c each.

Tessibel. A fine, new decorative, with long stems and fine form. A violet pink. A very pleasing color. 50c each.

Wildemere. The plant is of dwarf and bushy habit. Flowers perfectly formed and large. A fawn pink. 50c each.

Glorious Gladiolus

There are no failures with Gladiolus. By planting at intervals from April 1st to the end of June, you may have a succession of blooms throughout the summer. Cover bulbs $4\frac{1}{2}$ to 6 inches deep, pointed end up, and water generously.

Here are 12 particularly fine ones you will be proud to have in your garden. "Grow Good Glads and be Glad". **ALL PREPAID**

Albatross. A large glossy white with long straight spikes. 15c ea.; 3 for 35c; \$1.25 doz.

Betty Nuthall. A wonderful coral pink, with orange throat. 7c ea.; 4 for 25c; 70c doz.

Blue Danube. Amethyst-blue, with darker throat. Immense straight spike carrying many large, well-spaced blooms. 15c ea.; 3 for 35c; \$1.25 doz.

Coronado Immense ruffled white, with purple throat. Ravishingly beautiful. 2 for 15c; 4 for 25c; 70c doz.

Commander Koehl. Deep, dark scarlet of immense size. A real sensation. 10c ea.; 3 for 25c; 90c dozen.

Janet. An odd smoky gray with peach shading. 10c ea.; 3 for 25c; 90c doz.

Marmora. From Australia. Immense dusky lavender 7c ea.; 4 for 25c; 70c doz.

Minnet. One of the finest clear lavenders. 7c ea.; 4 for 25c; 70c doz.

Miss Greeley. One of the earliest and one of the most glorious pinks ever grown. Enormous in size and with many blooms open at once. 15c ea.; 3 for 35c; \$1.25 doz.

Mother Machree. 5 years ago sold at \$100.00 per bulb. A beautiful smoky lavender with shades of orange and gray. 10c ea.; 3 for 25c; 90c doz.

Picardy. The most talked about Glad today. Simply enormous in size, soft shrimp pink. 15c ea.; 3 for 35c; \$1.25 doz.

Red Phipps. Enormous glowing red. One of those glads that you simply can't be without. 15c ea.; 3 for 35c; \$1.25 doz.

These 11 Varieties, Each One a Glorious Glad, yet priced as low as common sorts. **All Prepaid.** 5c each; 12 for 50c; \$3.50 per 100

Affame. Giant begonia-rose.

Berty Snow. Extra large lavender-pink.

Chas. Dinkens. Tall radiant purple.

Dr. F. E. Bennett. Brilliant scarlet, striped ruby and white.

Gloriana. Large golden salmon, yellow throat.

Golden Dream. Best golden yellow.

Morocco. Deep, dark maroon.

Mr. W. H. Phipps. The wonder Glad. Enormous pink.

Mrs. Van Konynenburg. Glorious light blue.

Pfitzer's Triumph. Immense salmon-orange.

Spirit of St. Louis. Attractive orange-saffron.



Double Value Surprise Mixture. An assortment that will really give you more than you pay for. 35c doz.; 3 doz. for 90c; \$2.25 per 100.

Simpson's "Come Again" Mixture. A mixture that will bring your order next year and the year after. All good varieties. 1c per bulb. One or one thousand at the same rate. Postpaid in lots of 25 or more.

Hardy Field Grown Rose Bushes

WE RECOMMEND EARLY PLANTING FOR THESE HARDY ROSE BUSHES, MARCH OR EARLY APRIL, WHERE POSSIBLE. Early planting while bushes are dormant is much better because growth is practically 100% assured when the weather is cool and soil naturally moist.

MONTHLY BLOOMING BUSH ROSES

All Hardy; All Suitable to Colorado Climate. Postage Prepaid.
Each, 65c; 3 for \$1.75; 6 for \$3.00 These are Northern Grown Rose Bushes. We refuse to sell bushes grown in the south or the Pacific north-west where climatic conditions are so different than ours. **Please do not confuse these roses with bargain store plants.** They are distinctly superior.

REDS

American Beauty. The most satisfactory and free blooming red ever introduced. Large blooms on good stems.

Etoile De Hollande. A brilliant dark red of magnificent size and form.

General Jack. A vigorous bright crimson, free blooming, delightfully fragrant.

Gruss an Teplitz. Brilliant red, blooms in clusters.

Red Radiance. A bright, cheerful and even shade of pure red.

PINKS

Betty Uprichard. A glorious, rich salmon-pink.

Briarcliff. Vivid, deep pink, on good stems.

Columbia. Extremely hardy, rich, clear pink.

Dame Edith Helen. Well shaped buds and high-centered blooms of clear, bright pink.

Mme. Butterfly. A harmony of bright pink, apricot and gold.

Paul Neyron. Luminous cerise-pink. One of the largest in cultivation, and thornless.

Radiance. Bright, shining rose pink. Full and double.

WHITES

Frau Karl Druschki. Gigantic white buds and blooms. Very hardy.

YELLOWS

Johanna Hill. A new yellow with an orange heart. Long pointed buds on long stems.

Lady Hillingdon. A beautiful apricot-yellow. Very free blooming.

Mrs. Erskine Thom. Fine long buds opening into perfectly shaped lemon-yellow.

Sunburst. Beautifully formed, rich yellow, shaded rose and orange.

RED AND GOLDEN SHADED

Lady Margaret Stewart. Copper-red buds, bright orange-gold flowers.

Los Angeles. Luminous coral-pink, shaded gold at the base.

Pres. Herbert Hoover. An unusual rose that blends orange-pink; copper-red and orange-yellow, all into one remarkable rose.

Tallman. Orange-red, opening to golden-yellow, stained copper-red and orange-rose. A companion rose to Pres. Herbert Hoover, except that its colors are just reversed.

A NEW PATENTED ROSE OF EXCEPTIONAL MERIT

Countess Vandal. Long pointed buds of bronze, copper-salmon and gold. Often 5 inches across when fully open. Long stems for cutting. \$1.00 each.

Climbing Roses. All hardy varieties. All Postpaid

60c each; 3 for \$1.50; 6 for \$2.85

Climbing American Beauty. Large double crimson-red. Flowers freely, on long stems.

Crimson Rambler. Scarlet-red flowers in sprays and clusters.

Gardenia. Yellow buds; creamy-white flowers with white centers.

Paul's Scarlet. Large, well-shaped flowers of vivid scarlet-red that does not fade. Considered by many as fully equal to the new Blaze rose.



Red Radiance



Hardy Field Grown Flowering Shrubs

Order Early. March and April are the best months for transplanting. We send out only living plants, and can not be responsible for growth after they leave our hands.

Almonds. Double Pink. The first shrub to bloom in the spring, before leaves appear. Each 60c; by mail 70c.

Althea, Anemoneflorus. (Hibiscus). Double bright pink. 40c each, by mail 50c.

Althea, Duchess De Brabant. (Hibiscus). Double, dark red. 40c each, by mail 50c.

Barberry, Thunbergi. Splendid for hedge or ornamental use. Brilliant red fruit and foliage in autumn. 40c each, by mail 50c.

Barberry, Red Leaved. Foliage is a rich bronzy-red. Very attractive. 35c each, by mail 45c.

Butterfly Bush (Buddleia). Blooms in great profusion, resembling the lilac. 30c each, by mail 35c.

Beauty Bush. Small tubular flowers of the honeysuckle type. Bright pink. 40c each, by mail 50c.

Deutzia, Pride of Rochester. Very hardy and blooms profusely. Double white flowers, tinged pink. 40c each, by mail 50c.

Dogwood, Red. Bright blood-red branches, white flowers. 35c each, by mail 45c.

Elder, Golden. A rapidly growing shrub with golden yellow foliage and white flowers. 40c each, by mail 50c.

Forsythia, Golden Bell. Earliest of all to bloom in the spring, with deep yellow flowers. 35c each, by mail 45c.

Hydrangea A. G. Large flat heads of white flowers. 40c each, by mail 50c.

Hydrangea, P. G. Enormous trusses of white flowers changing to pink. 40c each, by mail 50c.

LILACS

Belle De Nancy, Double satiny-rose.

Chas. X. Single purplish-red.

Mme. A. Chatenay, Double white.

Purple. Double deep purple. All at 40c each, by mail 50c.

Mock Orange. (Syringa). Virginalis. Large, snowy racemes of white fragrant flowers. Everblooming. 40c each, by mail 50c.

Quince, Japanese. Produces showy scarlet flowers completely covering the branches. 35c each, by mail 45c.



Bridal Wreath

Snowball. Large balls of snowy white flowers. 40c each, by mail 50c.

Snowberry, Red. Covered with rose pink flowers in June, followed by red berries. 40c each, by mail 50c.

Snowberry, White. Similar to the red, except that it has white berries. 35c each, by mail 45c.

Spirea, Anthony Waterer. Free blooming, with crimson flowers. 40c each, by mail 50c.

Spirea, Van Houttei (Bridal Wreath). The graceful branches are a mass of snow white, fragrant flowers. 35c each, by mail 45c.

Tamarix, Africana. Feathery green foliage, pink flowers. 40c each, by mail 50c.

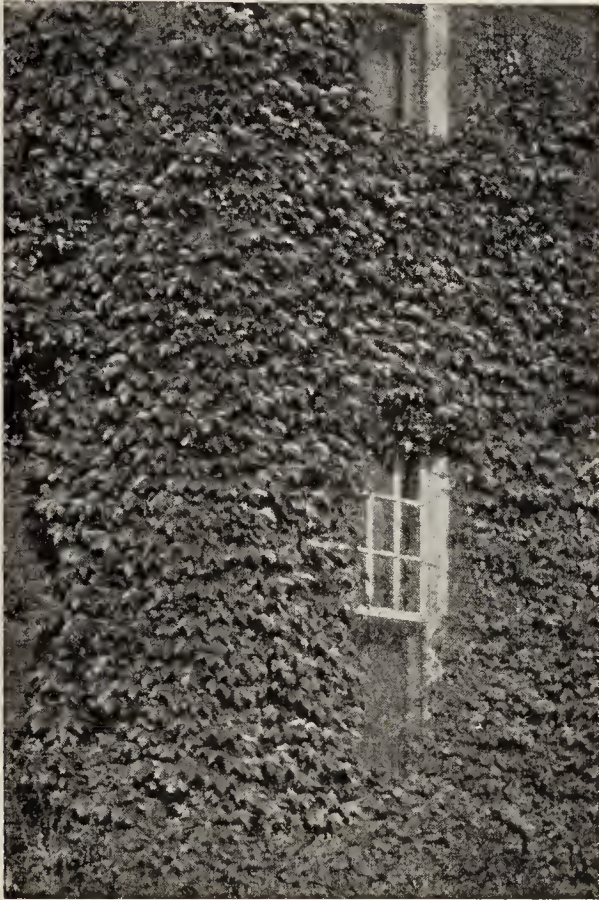
Tamarix, Hispidula. Silvery foliage with pink flowers. 40c each, by mail 50c.

Weigela, Eva Rathke. Splendid drooping branches with pink flowers. 40c each, by mail 50c.

Vines (Seeds, Plants and Roots)

ALL PREPAID

Use vines of all kinds generously; they are decorative, cooling, and attractive. Remember that the fast growing sorts are usually annuals, therefore do not live over the winter.



Boston Ivy

Hop Vines, Japanese. Seeds, see page 4.
Plants, 25c each.

Hyacinth Vine. Seeds only. See page 4.

Ivy, Boston. The fine leaved variety that clings to stone, brick or wood. 40c each.

Kudzu Vine. For seeds, see page 4. Roots, 25c each.

Maderia Vine Bulbs. Dig tubers in fall and store in basement. Attractive foliage. 10c each; 90c dozen.

Moonflower. Seeds, page 4.

Morninglory. Seeds only, see page 4.

Silver Lace Vine. Will grow 10 to 15 feet, and is very graceful and attractive. Foamy sprays of white flowers. 75c each.

Sweet Pea, Perennial. Blooms in perfect masses of red, pink and white blossoms resembling the regular sweet pea. Seeds, see page 7. Roots, 25c each.

Wisteria, Purple. Long, twining branches with great clusters of purple-lilac flowers. 40c each.

Baloon Vine. Annual; seeds only. Waxy green foliage, 5c pkt. 15c oz.

Bittersweet. Roots only. Orange-red berries with red seeds. 40c each, by mail 50c.

Cardinal Climber. Seeds; See page 3.

Cinnamon Vine Tubers. Very satisfactory for low fences or walls. Glossy dark green leaves. 10c each, 75c dozen.

Clematis. Most beautiful of all vines. Paniculate, pure white, masses of white flowers, 40c each. Jackmanni, purple. Flowers are large and star-shaped. 75c each.

Coboea Scandens. Seeds only. See page 3.

Cypress Vine. Seeds only. See page 3.

Dutchman's Pipe. Roots. Large, broad leaves and brownish colored flowers shaped like a pipe. \$1.00 each.

Gourds. Seed only. See page 3.

Grapes. Roots only. See Fruits.

Honeysuckle, Scarlet Trumpet. Rapid grower with red flowers. 40c each. Halliana, yellow flowers changing to white. 40c each.



Clematis Paniculata

Shade Trees

All Colorado Grown, therefore with better root systems than trees shipped in from the east. NOT PREPAID. Shipments should go via express or freight. All properly inspected and free from disease.

Ash (Mountain), 20 to 40 ft. Ornamental tree with scarlet berries from July to winter. Beautiful fern-like foliage. 6-8 ft. **\$2.00**; 8-10 ft. **\$3.00**.

Birch (European White), very attractive, with white bark. 8-10 ft. **\$3.00**; 1¼-1½ in. **\$4.00**.

Birch (Cutleaf weeping), most decorative of all trees. White bark with drooping limbs and cut-leaved foliage. 6-8 ft. **\$3.00**; 8-10 ft. **\$4.00**. Larger trees up to 3 in. diameter at **\$6.00** per inch.

Cottonwood (Cottonless), recommended where water is scarce. 8-10 ft. **\$1.00**; 1¼-1½ in. **\$1.50**.

Elm (The wonderful Chinese), the most rapid growing, and one of the most beautiful of all trees. Very satisfactory in Colorado. Often reach a height of 40 ft. with a diameter of 12 in. in 6 years.

Size	Each	Per 10
5-6 ft.	\$.75	\$ 6.50
6-8 ft.	1.00	8.50
8-10 ft.	1.40	12.50
1¼-1½ in. Cal.	2.00	17.50
1½-2 in. Cal.	3.00	25.00
2-2½ in. Cal.	4.00	35.00
2½-3 in. Cal.	5.50	50.00

Also seedlings suitable as windbreaks
2-3 ft. **\$8.00** per 100.

Hackberry, has rapid spreading habit and is free from disease. 1½-2 in. **\$3.00**; 2-2½ in. **\$4.00**.

Hawthorne, shrubs or small trees bearing white flowers, followed by a dull-red fruit carried into the winter. 3-4 ft. **\$1.50**; 4-5 ft. **\$2.00**.

Locust (Honey), the thornless type. Fragrant white flowers in May. 1½-2 in. **\$2.50**; 2-2½ in. **\$3.50**.

Maple (Norway), good spreading habit. 1¼-1½ in. **\$2.50**; 1½-2 in. **\$3.50**.

Maple (Schwedler's), has reddish-purple leaves. 6-8 ft. **\$2.75**; 8-10 ft. **\$4.00**.

Poplar (Bolleana), one of the most pleasing of the columnar trees. Smooth bark of light green color. 6-8 ft. **\$1.00**; 8-10 ft. **\$1.40**.

Russian Olive, silvery-gray foliage with greenish-white berries, a very attractive tree. Blooms profusely in June with yellow, fragrant flowers. 6-8 ft. **\$1.25**; 8-10 ft. **\$2.00**.

Willow (Niobe Weeping), golden bark with splendid weeping habit. 6-8 ft. **\$1.00**; 8-10 ft. **\$1.25**.

Fruit Trees

Apples. Two-year 5-6 ft. **\$1.00** each, ten for **\$8.50**.

Varieties—

Anoka	McIntosh
Delicious	Rome Beauty
Dutchess	Wine Sap
Grimes Golden	Wealthy
Jonathan	Yellow Transparent

Crab Apples, same as apples. Varieties—
Florence, Red Siberian, and Whitney.

Cherries. Two-year 4-5 ft. **75c** each.

Varieties—Ea. Richmond, Large Montmorency, English Morello, and Wragg.

Plums. Two-year, 5-6 ft. **\$1.00** each.

Varieties—

Blue Damson	Omaha
Bradshaw	Sapa
Lombard	Underwood
Opata	Waneta

Berries and Small Fruits

Blackberries. Mersereau, 10c each; 12 for **\$1.00**.

Currants. Red Cherry, 25c each; 12 for **\$2.50**. Perfection, 35c each; 12 for **\$3.50**.

Grapes. 25c each; 12 for **\$2.50**.

Varieties—

Beta, Arbor Grape
Concord, black
Delaware, red
Moore's Early, black
Niagara, white

Gooseberries. Carrie, Houghton, and Downing. 25c each; 12 for **\$2.50**.

Raspberries. 10c each; 12 for **\$1.00**; 100 for **\$6.00**.

Varieties—

Kansas Blackcap	Chief
St. Regis Everbearing	Latham.

Strawberries. Mastadon Everbearing, by far the best. 25 for 50c; 100 for **\$1.25**. Postpaid.

Vegetable Plants and Roots

ALL POSTPAID

Asparagus Roots. See page 9.

Cabbage Plants, Early. Ready in April. 25c per doz.; 100 for 75c.

Cauliflower Plants, Snowball. Ready in April. 30c per doz.; 100 for \$1.00.

Celery Plants, Early. Ready May 15th. 25c per doz.; 100 for 75c.

Chive Roots (Onion Grass), fine for seasoning. 25c per bunch.

Egg Plant, Plants. Ready in May. 35c per doz.; 100 for \$1.50.

Onion Plants, Bermuda. Crystal Wax (white), and Yellow Bermuda (straw color), best planting time in March. To secure best plants order early and specify when wanted. These plants will mature large, sweet onions several weeks ahead of seed.

Per bunch, about 100 plants, 25c; 10 bunches for \$1.50; original crate of 60 bunches, \$5.00. Write for prices for large lots shipped direct from Texas growing station, prepaid.



Pepper Plants (Sweet). Ready in May. 35c per doz.; 100 for \$1.20.

Tomato Plants, any standard variety, ready in May. 30c per doz.; 100 for \$1.00. Be sure to protect with **Hotkaps** if planted before danger of late frosts is over. Very much better yields are secured by early planting.

Sage Roots. Garden Sage roots can be planted in some out-of-the-way corner and will be found very valuable for seasoning, etc. 25c each.



Hotkaps

HOTKAP PLANT PROTECTORS

Protect tender plants from light frosts, wind, hail, and insects. Holds moisture and protects from hot sun.

1 doz. for 30c; by mail 35c.

Box of 100, with Papier Mache Garden Setter and Steel Tamper, for \$2.40, by mail, \$2.60.

Germāco

Hotkaps

Box of 250, with Setter and Tamper, \$3.50; by mail, \$3.75.

1,000 for \$10.00 Not Prepaid. Weight 28 lbs.

5000 for 49.25 Not Prepaid, weight 140 lbs.

Steel Setter and Tamper, \$2.25; by mail, \$2.40.

Garden Setter, 50c; by mail, 60c.

Steel Tamper alone, 25c; by mail, 30c.



The E-Z FERTILIZER SPREADER is just what the name implies; easy to operate and yet effective. Being shipped "knocked-down" enables us to offer this little distributor at a price that seems almost ridiculous. Only 85c Each; or \$1.00 Postpaid.

For fertilizers of all standard makes, see page 33. Other distributors illustrated and priced on page 34.

WARNING. We strongly urge our customers to avoid the use of barnyard manure. See next page.

Lawn Grass Seeds

No home is complete without a GOOD, WELL KEPT UP LAWN, and no lawn will present a green, velvety appearance throughout the summer unless it was produced from the proper mixture of grass seeds and is nourished by frequent applications of a proper, well-balanced plant food. See pages 33 and 34 for the correct FERTILIZERS for lawns.

We firmly believe that in nine cases out of ten a base of pure Kentucky Blue Grass Seed makes the best lawn, but as Kentucky Blue Grass is somewhat slow in starting, it is usually advisable to use other seeds in the proper proportions with Kentucky Blue Grass, in starting a new lawn.

Remember, also, that grass can not be maintained on a diet of water alone, any more than can the human body. Lawns MUST BE FED a properly balanced plant food to hold that bright, velvety green appearance we all so much desire.

FREE!—An 8 page folder "HOW TO MAKE
AND MAINTAIN A LAWN!"

*The square meal
for lawns is
4 lbs of Vigoro
per 100 sq ft.*

Simpson's Hi-Test Grass Seeds

Kentucky Blue Grass, Extra Heavy, Strictly Fancy Seed, 1 lb. 50c, by mail 60c; 3 lbs. \$1.35, by mail \$1.50; 10 lbs. \$4.00, by mail \$4.40; 25 lbs. \$9.50, by mail \$9.85.

Kentucky Blue Grass, Standard Grade, Clean Seed of High Germination. 1 lb. 40c, by mail 50c; 3 lbs. \$1.15, by mail \$1.30; 10 lbs. \$3.50, by mail \$3.90; 25 lbs. \$8.25, by mail \$8.60.

White Clover, Fancy, Hi-Test Seed, 1 lb. 60c, by mail 70c; 3 lbs. \$1.60, by mail \$1.75; 5 lbs. \$2.75, by mail \$2.95; 10 lbs. \$5.00, by mail \$5.40.

Blue Grass and White Clover Mixed (20% Clover), 1 lb. 50c, by mail 60c; 3 lbs. \$1.45, by mail \$1.70; 5 lbs. \$2.25, by mail \$2.45; 10 lbs. \$4.00, by mail \$4.40.

Capitol Lawn Mixture (60% Ky. Blue Grass), based on mixture we used in planting the State House lawn in Denver, with such changes as recent experiments have shown advisable. This mixture assures a continuous succession of growth throughout the summer. 1 lb. 40c, by mail 50c; 3 lbs. \$1.15, by mail \$1.30; 5 lbs. \$1.75, by mail \$1.95; 10 lbs. \$3.40, by mail \$3.80.

Shady Spot Mixture. Just the thing for shady places where other grasses will not thrive. 1 lb. 50c, by mail 60c; 5 lbs. \$2.25, by mail \$2.45; 10 lbs. \$4.00, by mail \$4.40.

THE BENT GRASSES.

Astoria Bent, the best Bent for lawns because it puts out creepers both above and below the surface. Fine, bright green blades. Combined with Ky. Blue Grass it makes a wonderful lawn. 1 lb. \$1.25, by mail \$1.35; 3 lbs. \$3.60, by mail \$3.75; 5 lbs. \$5.75, by mail \$5.95; 10 lbs. \$11.20, by mail \$11.60.

Seaside Bent (also called Coos or Cocos Bent), excellent in lawn mixtures and especially adapted for golf courses. Prices same as for ASTORIA BENT.

Chewings Fescue, very well suited for lawns, especially in poor soils. Good in shady places. 1 lb. 70c, by mail 80c; 5 lbs. \$3.40, by mail \$3.60; 10 lbs. \$6.50, by mail \$6.90.

Red Fescue. Has a good creeping root system with dark green blades of fine texture. Especially recommended in lawn mixtures. Prices the same as for Chewings Fescue.

Red Top. A very hardy grass withstanding dry conditions, extensively used in lawn mixtures because of its hardy nature and quick germination. 1 lb. 30c, by mail 40c; 3 lbs. 85c; by mail \$1.00; 5 lbs. \$1.35, by mail \$1.55; 10 lbs. \$2.60, by mail \$3.00.

Rye Grass (Native) Not a perennial in Colorado, but excellent to use in small proportions in new lawns because of its remarkably quick germination which prevents the washing away of Blue Grass and other slower germinating grasses. Many what we call "ASHHAULER" landscape men use 90% Rye Grass in making lawns, which explains why cheap landscape jobs never turn out to be really cheap. 1 lb. 15c, by mail 25c; 5 lbs. 70c, by mail 85c; 10 lbs. \$1.35, by mail \$1.75.

Meadow Fescue (English Blue Grass), used in lawn mixtures because it germinates quickly and is unusually hardy. Blades are not quite as fine as Ky. Blue Grass but are a pleasing shade of green. 1 lb. 35c, by mail 45c; 5 lbs. \$1.65, by mail \$1.85; 10 lbs. \$3.00, by mail \$3.40.

Poa Trivialis. The King of all grasses for shady places and sour soil. Very similar in appearance to Ky. Blue Grass. 1 lb. 50c, by mail 60c; 5 lbs. \$2.40, by mail \$2.60; 10 lbs. \$4.50, by mail \$4.90.

Fertilizers for Lawns, Gardens, Field Crops

VIGORO
Specially prepared plant food

Is Clean, Odorless,
Easy to Apply, and
perfectly balanced.
You can easily apply
Vigoro with a
kitchen colander, or

you can buy a perfectly efficient little
spreader for \$1.65.

See next page for Vigoro Spreaders.

Vigoro continues to lead the field in our
FERTILIZER sales. Its use is becoming
more and more universal as users note its
lasting qualities and satisfying results.

100 lb. bags.....	\$4.00	} F.O.B. DENVER
50 lb. bags.....	2.50	
25 lb. bags.....	1.50	By mail
10 lb. pkg.....	.85	" " 1.15
5 lb. pkg.....	.50	" "70
12 oz. pkg.....	.10	" "20

Feed your lawn as
carefully as you would
your family. Your
neighbors judge you by
the appearance of your
front yard.



Sacco. For lawns, gardens, and vegetable
crops.

1 lb. can,	\$.10	By mail,	\$.20
5 lb. pkg., . . . . .	.40	By Mail, . . . . .	.55
10 lb. pkg., . . . . .	.70	By mail,	1.00
25 lb. bag.,	1.40	} Not Prepaid	
50 lb. bag.,	2.35		
100 lb. bag.,	3.95		

Wedo. A companion fertilizer to SACCO with
weed eliminating elements added.

10 lb. bag,	\$.80	} Not Prepaid
25 lb. bag,	1.65	
50 lb. bag,	2.75	
100 lb. bag,	4.75	

Ivy Plant Food

Made in Colorado. A combination Bone,
Blood and Chemical Fertilizer.

1 lb. pkg.....	\$.15, by mail.....	\$.25
10 lb. pkg.....	.60, by mail.....	.90
25 lb. bag.....	1.00, by mail.....	1.35
50 lb. bag	1.50, F.O.B. DENVER	
100 lb. bag.....	2.75, F.O.B. DENVER	

NOT PREPAID UNLESS SO STATED

for Better Lawns

Vigoro, the complete
scientifically balanced
plant food, produces
thick, velvety green
lawns quickly. Clean,
odorless, easy to use,
and inexpensive. Order
enough to feed every-
thing you grow.

VIGORO
Complete plant food



INSTITUTIONS, CLUBS, PARKS, ETC.
ASK FOR TON RATES.

GRANULATED PEAT MOSS, HORTICUL-
CULTURAL GRADE.

Original Bale, 20 to 22 bushels before com-
pressing, weight about 175 lbs., for \$3.00.
Quarter Bales \$1.00. Not Prepaid.

Will lighten heavy clay soils and give
better "body" and consistancy. Just as
valuable for too sandy soils because it
supplies the needed Humus. Ask for FREE
folder "How to make and Maintain a Lawn".

—

WARNING

SPREADING BARNYARD MANURE ON
YOUR LAWN MAY ENDANGER HUMAN
LIVES. SCIENTISTS HAVE PROVED
THAT GERMS OF DEADLY GAS GAN-
GRENE AND LOCKJAW ARE CARRIED
BY MANY ANIMAL MANURES.

WHY USE MANURE ANYWAY? IT IS
UNSIGHTLY, CONTAINS WEED SEEDS,
AND DOES LITTLE GOOD. A WHOLE
TON CONTAINS ONLY ABOUT 25 POUNDS
OF AVAILABLE PLANT FOOD, AND THAT
IS NOT PROPERLY BALANCED.

USE VIGORO, SACCO, WEDO, IVY
PLANT FOOD, OR ANY BALANCED
PLANT FOOD.

FERTILIZERS—Continued.

Not Prepaid Unless Stated

Sheep Manure.

Unlike the usual barnyard product this is especially prepared, finely ground, and sold only in sacks. This grade is not offered in load lots. 10 lb. bags 25c; 25 lb. bags 40c; 50 lb. bags 60c; 100 lb. bags \$1.00; 3 bags at 95c; 5 bags at 90c; 10 bags or more at 80c.

Blood Meal. Very rich in the necessary elements for plant growth and blossom. 4 lb. bags 30c; 10 lb. bags 65c; 25 lb. bags \$1.25; 50 lb. bags \$2.00; 100 lb. bags \$3.75; 5 bag lots at \$3.50.

Bone Meal (Raw). Rich in phosphoric acid and ammonia. Recommended for Sweet Peas and other flowers. 1 lb. pkg., 10c; 5 lb. pkg., 30c; 10 lb. pkg., 50c; 25 lb. bag, \$1.00; 50 lb. bag, \$1.50; 100 lb. bag, \$2.50. Include postage at zone rates.

Bone Meal (Steamed). For greenhouse benches and general garden use. 1 lb. pkg., 10c; 5 lb. pkg., 30c; 10 lb. pkg., 50c; 25 lb. bag, \$1.00; 50 lb. bag, \$1.50; 100 lb. bag, \$2.50. Include postage at zone rates.

New Plant Life. Remarkable for house plants. Will double growth and beauty of under-nourished plants. 8 oz. can, 30c; Postpaid, 40c. Try this on your rubber plants and see the change within a few days.



Nitragin Inoculating Bacteria. Especially prepared for Sweet Peas, Beans, Peas, Alfalfa and Clovers. Specify crop for which Wanted.

Special Garden Size "Nitragin" 25c Postpaid.

Separate "Nitragin"

	For Beans & Peas	For Clover & Alfalfa
5-oz. 30 lbs. seed	\$.35	\$.35
9-oz. 60 lbs. seed	.50	.65

Adco-Artificial Manure. Ask for FREE folder, telling how to convert garden and farm wastes into genuine, organic manure, free of weed seeds and germs. 500 lbs. of leaves, grass cuttings or other garden waste, added to 25-lbs. Adco makes 1 ton fresh manure. Adco, 25-lb. bags, \$2.50; Not postpaid.

Cotton Seed Meal

For lawns and gardens use 100-lbs for 1500 sq. feet. Excellent results are being had with this product. 50-lb. bag \$1.70; 100-lbs. for \$3.25. Not prepaid.

Excelsior Plant Food. Put up in package form for house plants, 2-oz. size, 15c, by mail 18c; 5-oz. size 25c, by mail 30c.

Japanese Palm Food, especially good for ferns and rubber plants, 5-oz. size 25c, by mail 30c.

Ford's Fertilizer, Sulphate of Ammonia. Quick acting on lawns, etc. but must be used carefully, not to exceed ½ lb. to 100 sq. feet. 10c per lb., 3 lbs. for 25c; 5 lbs., 40c; 10 lbs. 70c; 25 lbs. \$1.25; 50 lbs. \$1.90; 100 lbs. \$3.50.

Lime—Air Slacked—Hydrated.

Used to correct sour soils and prevent "lumping". Most garden soils need an occasional light application; about 1 lb. to 200 sq. feet. 2-lb. pkg. 10c; 7-lb. 25c; 10-lbs. 35c; 50-lb. bags 85c; 2 bags for \$1.60. Not Prepaid.

Nitrate of Soda. Very valuable under certain soil conditions. 1-lb. 15c; 2-lbs. 25c; 10-lbs. 85c; 25-lbs. \$1.50; 100-lbs. \$4.25. Not Prepaid.

FULTON'S

PLANTABBS

ODORLESS PLANT FOOD TABLETS

A concentrated food for house plants, in tablet form. 30 tablet size,.....\$.25
75 tablet size,..... .50
100 tablet size,..... 1.00

Postpaid.

Super-Phosphate, Treble.

Recommended for lawns, gardens and flowers. 25-lb. bags \$1.25; 50-lb. bags \$2.00; 100-lb. bags \$3.00.



Stim-U-Plant Tablets. Excellent for house plants and small shrubs. In tablet form, easy to give.
10 tablet size, \$.15 100 tablet size, \$.75
30 tablet size, .25 1000 tablet size, 3.50
All Postpaid.

Applying Fertilizer to your lawn or garden is greatly simplified if you have one of these

Vigoro Spreaders. They can be adjusted to apply any pulverized plant food, grass or other seeds. Model B, and larger sizes have the following special features: Forced feed distribution principle; shut-off control lever on handle, handy device for regulating rate of application, all metal disc wheels that cannot warp, a scatter-board that permits use even in windy weather; strong construction and ease of operation.



New Low Prices. Not Prepaid

	Width.	Weight.	Capacity of hopper.	Price
Little,	14 in.	6 lbs.	13 lbs.	\$ 1.65
Model B,	14 in.	11 lbs.	13 lbs.	2.75
Junior,	16 in.	16 lbs.	35 lbs.	5.75
Standard,	24 in.	39 lbs.	65 lbs.	10.45
Special,	36 in.	51 lbs.	100 lbs.	16.75

Insecticides

Ask for **FREE**
Spraying Guide

Under a new ruling by The Post Office Department, all insecticides can now be mailed if sufficient postage is included. **Prices not postpaid**, unless so specified

Hammonds Insecticides

The HAMMOND line of INSECTICIDES ranks among the best in the country. Our Grandfathers used some of these items, and they have been unequalled ever since.



Liquid Slug Shot—The new easy-and-safe way to kill all garden insects and prevent fungus in one operation. Thus really the only "all-in-one spray"—all that a garden needs. Non-poisonous, harmless to humans and pets. The only pyrethrum-rotenone spray stabilized under Hammond patents. 1 oz. 35c; 6 oz. \$1.00; 16 ozs. \$2.25; qt. \$4.25; ½ gal. \$8.00; gal. \$15.00; 5 gal. \$65.00.

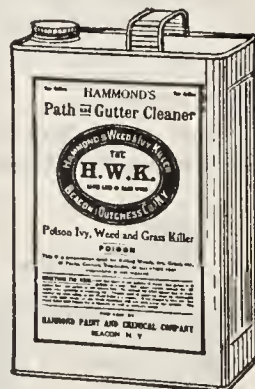
Slug Shot Dust—The safe, non-poisonous, dusting Insecticide. Kills chewing insects and controls fungus. Harmless to humans, plants and vegetables. Kills Mexican bean beetle, cabbage worms, beetles, potato bugs, green flies, slugs, etc. 1 lb. 25c; 5 lbs. \$1.00; 25 lbs. \$4.00; 125 lbs. \$18.00; 250 lbs. \$34.00.

Grape and Rose Dust—Prevent mildew and black spot. This ideal dusting fungicide is easy and safe to use. Green in color—not unsightly. Colloidal sulphur base, combined with other fungicides. 1 lbs 40c; 5 lbs. \$1.50; 25 lbs. \$6.50; 100 lbs. \$22.00.

Thrip Juice Spray—Nicotine and whale oil soap combined. More spread, greater kill and longer life for nicotine. Kills all sucking insects, especially aphids, thrip, mealy bug, red spider, etc. ½ pt. 35c; pt. 65c; qt. \$1.25; gal. \$4.80; 5 gal. \$20.00.



H. W. K. Weed Killer—Kills Poison Ivy. Kills all vegetation—roots and all, and prevents growth for a year. Simply dilute with forty parts of water and apply. Qt. 50c; gal. \$1.50; 5 gals. \$6.25; 30 gals. \$30.00; 50 gals. \$42.50.



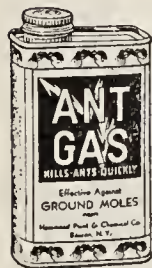
Pest Kit—The three essentials of garden control, sprayer, and book on insects in one kit. "Slug Shot" for chewing insects; "Grape and Rose Dust" to control fungus; "Thrip Juice" to kill sucking insects. Total value \$1.25. Price per Kit 95c.

No-Crow—Crow repellant. Birds and animals will not bother seed corn or other grain treated with NO-CROW. Protects corn and seeds from rot. Does not hinder germination. Not poisonous. One-half pint treats 1 bushel, pint treats 2 bushels, quart treats four bushels. ½ pt. 50c; pt. 85c; qt. \$1.25; gal. \$3.50.

Copper Solution—The original ammoniated copper so highly recommended by Dept. of Agriculture as the most effective preventative for mildew, black spot, rust, etc., on roses, and other plants. Highly concentrated—stands dilution 80 to 1. Invisible on foliage or blooms. ½ pt. 50c; pt. 85c; qt. \$1.50; gal. \$4.60; 5 gals. \$20.00.



Stabilized Rotenone Dust—The danger of residue poisoning on fruits and such crops as beans, cabbage, etc., has been the primary cause for seeking a harmless, though equally effective an insecticide as the commonly used poisons. The result of this research is Rotenone, the "safe insecticide." It is made from the roots of a tropical plant. Non-poisonous and more powerful than Arsenate of Lead in destroying leaf-chewing and sucking insects. It controls aphids, cabbage worms, bean beetles, asparagus, cucumber, potato and flea beetles, mites, thrip, red spider, leaf hopper, leaf tyers and others. Unlike some other powerful insecticides, Rotenone will not injure the most delicate plant and it is so safe to use that it makes an effective flea powder for cats, dogs or birds, and it is excellent for delousing fowl. NO. 75—1 lb. \$1.50; 10 lbs. \$3.30; 25 lbs. \$8.00; 100 lbs. \$31.00.



Ant Gas—Kills all ants quickly. Safe, non-poisonous and easy to use. Apply the liquid to ant hill—and all ants die. Use against termites. Applied to ground mole run, it penetrates, killing moles. ½ pt. 50c; pt. 85c; qt. \$1.50; gal. \$4.60.

Dog Skat—Keeps dogs, cats and other animals away from trees, evergreens, roses, shrubbery, etc. Tube releases vapor offensive to animals, but not noticeable to humans. One large tube lasts a year. Large Tube 30c; Small Tube 15c.



Tree Wound Paint—Adherent, antiseptic, weather resisting paint for use in pruning or when bark of tree is injured. Elastic and water proof. ½ pt. 40c; pt. 70c; qt. \$1.25; gal. \$3.00.

Complete Line of Insecticides Continued on Pages 36 and 37

Pest Exterminators For Garden, Home and Farm

CYANOGAS The Greatest Pest Control Known to Science

Ask for FREE Folders, as follows

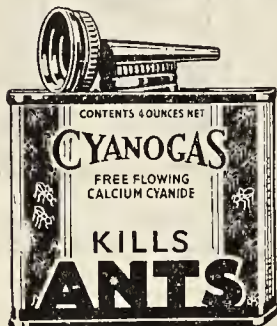
No. 832—Woodchuck leaflet
No. 851—Wireworm Control
No. 848—Cyanogas Foot Pump Duster
No. 850—Grape Leaf Hopper
No. 845—Ant Leaflet
No. 819—Prairie Dog Leaflet

No. 836—Greenhouse Handbook
No. 826—Chinch Bug Leaflet
No. 852—Ground Squirrel Leaflet
No. 835—General Pest Control
No. 846—Rat Leaflet
No. 824—Greenhouse Leaflet

Cyanogas is NOT Expensive

4-oz. cans, 30c; postpaid, 40c;
½-lb. cans, 45c; postpaid, 55c

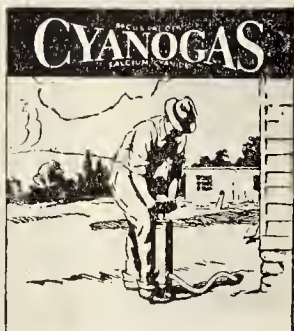
1-lb. cans, 75c; postpaid, 85c
5-lb. cans, \$3.00; postpaid, \$3.25



Enlarge entrance to nest and pour in small amount of **Cyanogas**. Close hole with dirt. The deadly gas liberated destroys the colony and kills the queen residing deep in the nest. It does not rely upon the feeding habits of the ants. It quickly destroys the queen and all worker ants.

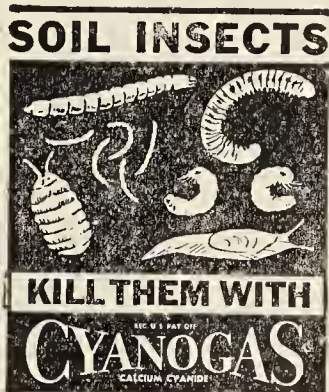


Use the **Cyanogas Foot Pump Duster**, blowing Cyanogas dust deep into burroughs. Plug up all holes from which dust is seen to emerge. The gas released is sure death to all rats. Widely used throughout United States, Canada, and 55 other countries.



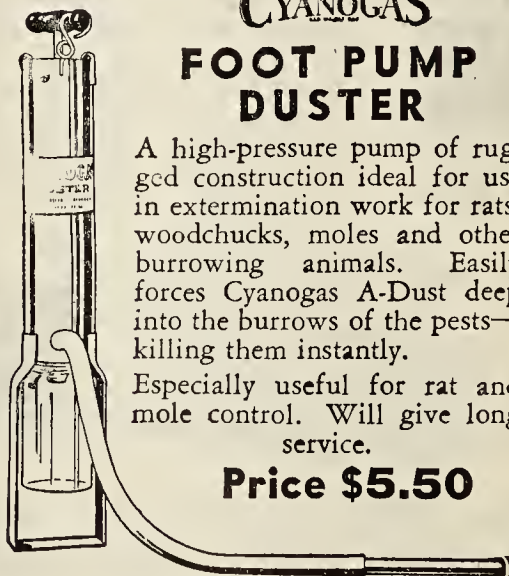
For RAT CONTROL

Effectively used in eradicating grubs, worms, and insects from soil, lawns, and golf greens. 1-lb. of Cyanogas to 50 gallons of water for an area 25 feet by 40 feet. Leaflet No. 835 describes treatment in detail. Ask for free copy and follow directions.



Prairie Dogs, Moles, and Gophers are easily eradicated with **Cyanogas**. Place the dose, one to two tablespoon fulls well down the hole and close opening. The Cyanogas Foot Pump Duster will make the job more thorough. Ask for **FREE** folders—

No. 835 for Moles,
No. 819 for Prairie Dogs,
No. 852 for Gophers.



A high-pressure pump of rugged construction ideal for use in extermination work for rats, woodchucks, moles and other burrowing animals. Easily forces Cyanogas A-Dust deep into the burrows of the pests—killing them instantly.

Especially useful for rat and mole control. Will give long service.

Price \$5.50

Prepaid for \$5.75

INSECTICIDES—Continued

Ask for FREE Spraying Guide.

Can be mailed if postage is added.



All Round Spray (Acme). A combination spray to destroy both sucking and chewing insects and fungus diseases. $\frac{1}{4}$ lb. 35c; 1 lb. 80c.

Aphis Spray Improved nicotine spray combining Fish Oil Soap with Black Leaf 40. Suitable for the control of all kinds of plant lice. 3-oz. tube, 35c.

Arsenate of Lead. For control of all leaf eating insects. $\frac{1}{2}$ lb. 20c; 1 lb. 30c; 4 lbs. 70c.

Bean Beetle Dust. Prepared especially for beans, cucumbers, potatoes, etc. 1 lb. 25c; 4 lbs. 50c.

Black Leaf 40. A 40% nicotine spray used for all soft bodied insects, also for poultry lice by painting on roosts. 1 oz. bottle 35c; 5 oz. bottle \$1.00; 1 lb. bottle \$2.25; 2 lb. tin \$3.25; 5 lb. tin \$5.85; 10 lb. tin 10.60; 50 lb. drum \$43.00.

Blue Vitriol (Copper Sulphate). Use 1 lb. to 15 gals. water. 1 lb. 20c; 5 lbs. 75c; 10 lbs. \$1.25; 25 lbs. \$2.75; 50 lbs. \$5.00; 100 lbs. \$9.50.

Bordeaux Mixture. 1 lb. 30c; 4 lb. pkg. 65c.

Copper Carb. 5 lb. pkg. \$1.25; case of 6 5 lb. pkgs. for \$6.00.

Copper Sulphate. See Blue Vitriol, above.

New Evergreen Spray. A non-poisonous spray for rose slugs, red spiders, cut worms, plant lice, cabbage worms, etc. It is remarkably effective.

1 oz. bottle....\$ 0.35; postpaid....\$ 0.40
6 oz. bottle..... 1.00; postpaid..... 1.10
16 oz. bottle..... 2.00; postpaid..... 2.15

Fish Oil Soap. See Spray Soap.

Formaldehyde. Effective in destroying germs of plant and animal diseases, and as a preventative of fungus on potatoes, onions, and grains. 1-pint cans, 50c; by mail 60c.

"43" for the Tree. Use on tree wounds, or where branches have been removed. 1 lb. can 50c, postpaid 60c; $2\frac{1}{2}$ lb. can \$1.00, postpaid \$1.15; 5 lb. can \$1.50, postpaid \$1.75.

Garden Guard (Acme). Powder in sifter top can for dusting on flowers, plants, etc. 1 lb. can 25c; 5 lb. can 70c.

Grafting Wax. Use on tree wounds, or where branches have been removed or broken. $\frac{1}{4}$ lb. pkg. 20c; $\frac{1}{2}$ lb. pkg. 30c; 1 lb. pkg. 50c; postpaid.

Hellebore. Powder for sprinkling on roses, etc. $\frac{1}{4}$ lb. pkg. 20c; $\frac{1}{2}$ lb. pkg. 35c; 1 lb. pkg. 60c.

Lime-Sulphur. Dry. 1 lb. pkg. 30c; 5 lb. pkg. \$1.15.

London Purple. 1 lb. pkg. 30c.

Nico-Fume (liquid). For killing all kinds of plant lice. 1 lb. can \$2.25; 4 lb. can \$5.75.

Paris Green. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; 1 lb. 45c; 2 lbs. 85c; 5 lb. pkg. \$2.00.

Powder Guns. For blowing powder. Empty, 15c each; filled, 25c each.

Pyrox (Nicotine Pyrox). Vastly improved over the plain Pyrox. One of the best nicotine sprays. 10 oz. bottle 50c; 40 oz. can \$1.75.

Shep's Plant Spray.

One of the best all-purpose sprays. Will not injure the most tender foliage. $\frac{1}{2}$ -oz. size 10c; $1\frac{1}{2}$ -oz. bottle 25c; 8-oz. bottle 75c; 16-oz. bottle \$1.50.

Spray Soap (Acme). A fish oil soap. 1 lb. pkg. 30c, postpaid 40c; 5 lb. pkg. \$1.25, postpaid \$1.40.

Sulpho-Tobacco Soap. Combines sulphur with nicotine. 3 oz. cake 15c; 8 oz. cake 25c; all postpaid.

Sulphur, Powdered. 1 lb. 10c; 3 lbs. 25c; 10 lbs. 55c; 100 lbs. \$3.50. If by mail, add postage.

Sulphur, Wettable. A finely ground sulphur (300 mesh fine), recommended for Brown Rot, Scab, and other Fungi. Will mix with water and work in any sprayer if agitated.

1 lb. 20c; 5 lbs. 75c; 10 lbs. \$1.40; 25 lbs. \$2.75; 50 lbs. \$5.00; 100 lbs. \$9.00. Not prepaid. Free folder describes use for fruit crops or greenhouses.

Sunoco Spray Oil. Excellent for scale on trees and shrubs 1-quart can 45c, by mail 60c; 1-gal. can \$1.50, by mail \$1.65; 5-gal. can \$5.50. Not prepaid.

Tobacco Dust. 1 lb. 10c; 3 lbs. 25c; 10 lbs. 75c; 100 lbs. \$4.75. If by mail, add postage.

Two-Way Spray (Acme). Combines action of Arsenate of Lead and Bordeaux Mixture, insecticide and fungicide. $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 4 lb. pkg. 90c.



Acme M-S-R Dusting Sulphur. Keeps your roses free from mildew, black spot, leaf spot and other hideous fungous diseases. Acme M-S-R Dusting Sulphur is a tonic for roses, chrysanthemums, phlox, delphiniums, sweet peas, lilacs, snap dragons and carnations. 3 lb. pkg. 40c.

INSECTICIDES—Continued

Good News for Rose Lovers

Tri-ogen

Trade-Mark

THE ALL-PURPOSE SPRAY

No More Bugs or Bothers

TRI-OGEN once and for all solves the black-spot problem. It gives complete protection against all fungous diseases, including mildew, black-spot, rust, canker, etc.

TRI-OGEN protects absolutely against all insects pests.

Its stimulating value promotes vigor and growth, healthy green foliage—with resulting luxuriant blooms.

That is why gold medals have been won consistently by the amateur and professional growers who have adopted the Tri-ogen treatment.

Read the experiment recounted in the American Rose Annual.

Read the enthusiastic, volunteer endorsements of its value by rose experts.

THERE IS NOTHING
IN THE WORLD LIKE
TRI-OGEN



TRI-OGEN

The all-purpose spray

Fungicide—Insecticide—Plant Stimulant

*Complete Protection against Plant
Insects and Diseases*

In the past, Mildew and Black Spot have been most difficult to combat. However, these diseases are now easily controlled with the Tri-ogen Spray Treatment, which gives COMPLETE protection against all diseases and insect pests. It is easily applied and also acts as a plant stimulant—producing vigor in growth with resultant luxurious blooms, heretofore considered impossible. The Tri-ogen Spray Treatment applied weekly, from early season until late frost, makes it possible for the amateur to achieve the success, in many cases, comparable to the professional grower.

TRI-OGEN was officially adopted for the exclusive protection of the Garden of 16000 Roses, at the CENTURY OF PROGRESS, Chicago World's Fair.

PRICES

- A. Small Kit (makes 16 quarts) \$1.50
- B. Medium Kit (makes 64 quarts) 4.00
- C. Large Kit (makes 32 gallons) 6.00
- D. Estate Kit (makes 128 gallons) 20.00

These Prices are Prepaid

Ask for **Free** folder telling about experiments with **Tri-Ogen**, conducted by Dr. L. M. Massey, Plant Pathologist, Cornell University, also testimonials from such world renowned rose growers as J. Horace McFarland, Jackson & Perkins Co., etc., etc.

TRI-OGEN

Trade-Mark

COMPLETE PROTECTION AGAINST INSECTS AND DISEASES

INSECT SPRAY AND FUNGICIDE

Highly Concentrated for Garden and Greenhouse Plants

ROSE-GARDEN SPRAY TREATMENT

Nothing Else Required

1. Repellent—Insect Killer and Protection

Destroys leaf-eating insects, as Japanese and other beetles, rose-slugs, caterpillars, webworms, red spider and many other insects.

Remains as protection on foliage for a long time—repelling subsequent attacks.

2. Kills Insects by Contact

Destroys insects by wetting, as aphids (plant-lice), ants, thrips, white-fly, leaf-rollers, leaf-hoppers, rose-chafers, chrysanthemum midge, leaf-tiers, Japanese beetles, aster beetles, tarnished plant-bugs, lace-wing fly, and many other insect pests.

3. Fungicide—Disease Control

As mildew, black-spot, canker, and rust on roses and many other plants; rust, yellows, stem-rot, delphinium blight, and fungus on most other plants.

Stimulates Plant-Growth

Tri-ogen Is Harmless to Foliage or Blooms

Convenient—Easy and Pleasant to Use—Triple Acting

Especially recommended for roses, asters, snapdragons, carnations, hollyhocks, delphiniums, phlox, chrysanthemums, zinnias, golden glow, dahlias, and many other plants subject to disease and insects.

It is **ECONOMICAL**. The contents of the package are highly concentrated and make 60 times its volume when used as a spray.

TRI-OGEN TREATMENT saves time and labor. Spreads evenly and adheres to foliage without showing conspicuously. This treatment has been used and tested by rose and plant-growers the world over, with astonishing results.

- A. Small Kit (makes 16 quarts) \$ 1.50—Protects 12 to 20 roses for season
- B. Medium Kit (makes 64 quarts) 4.00—Protects 50 to 80 roses for season
- C. Large Kit (makes 32 gallons) 6.00—Protects 100 to 160 roses for season
- D. Estate Kit (makes 128 gallons) 20.00—Protects 400 to 600 roses for season

Pest Exterminators

ANT-KILLERS

Few of us realize the menace of the ant. Statistics show that in spite of all that is being done to eradicate these pests they are rapidly increasing in numbers. You need not be bothered by ants; we list below every worth-while preparation we know of. All are good, some for attacking hills or colonies, some for tiny "side-walk" ants, others for cupboard and ice-box ants, etc., etc.

Ant-Kill. (Acme)

Cottage set containing bottle of syrup and 5 service cups, with directions, 60c, by mail 70c. Extra syrup, ½ pt. 50c.

Antrol.

Set consists of bottle of syrup and 4 service jars, with directions for use. 75c, by mail 85c; Pint extra syrup 85c, by mail 95c.

Antrol Powder. In sifter top can.

2-oz. can 25c, by mail 35c; 4-oz. can 40c, by mail 50c.

Ant Paste (Kellogg's). For indoor use.

2-oz. bottle 25c, by mail 30c.

Ant-Traps

Simplest, safest, and most effective trap made. Bait is contained within a metal air-sealed trap. Children or pets can not easily remove cover. 25c each, by mail 30c.



Denver Ant Exterminator. A liquid applied direct to hills and runways. Very effective. Pint size, 35c, by mail 45c; Quart size 60c, by mail 75c; 2-quart size \$1.00, by mail \$1.20.

Peterman's Ant Food. A bait in powdered form, used both indoors and outside. 2-oz. can 25c, by mail 30c; 4-oz. can 35c, by mail 40c; 8-oz. can 60c, by mail 70c.

Terro Ant Killer. Bait in liquid form that is very effective. Small size 25c, by mail 30c; 2-oz. bottle 50c, by mail 55c.

Cyanogas. Probably the best of all ant killers for wholesale destruction. See page 36.

DOG REPELLENTS

Keep dogs away from your shrubs, trees, posts, etc., without bother or the slightest injury to the dog. Full directions with each.

Dog-Skat, Hammonds, 2-oz. tubes 50, postpaid.

Dawg-Gone, Acme, small tubes 35c each, 3 for \$1.00, postpaid.

"DOGZOFF"

A 60c bottle is a seasons supply for the average yard. Harmless to vegetation. By mail 65c.

Bait-M. A dry granulated bait for cut-worms, grasshoppers, etc. 1-lb. pkg. 30c; 3-lb. pkg. 70c; 15-lb. pkg. \$2.75. If by mail include postage.

Black Flag. Liquid spray for Flies, Moths, Ants, Mosquitos, Bed Bugs, etc. ½ pint, 35c, by mail 45c; 1 pint 60c, by mail 75c; 1 quart \$1.00, by mail \$1.20.

Black Flag Powder. Small size 15c, by mail 20c; medium size 40c, by mail 50c.

Dandelion Doom. Kills dandelions and noxious weeds in lawns and walks. Quart can 50c; ½ gal. can 65c; gallon can 90c. Not postpaid.

Dandelion Guns. For applying dandelion and weed exterminators. \$1.65 each. Postpaid for \$1.90.

***Indor.** An insect killer of national reputation. Used against all sorts of indoor pests. ½ pint 35c, postpaid 45c; 1 pint 65c, postpaid 80c; 1 quart \$1.00, postpaid \$1.20; 1 gal. \$3.50, postpaid \$3.80.

***KNOX-Out Fly Spray.** For livestock. This is the best of the lot. 1 quart 60c, postpaid 75c; 1 gallon \$1.50, postpaid \$1.80; 5 gallons \$6.75; 30 gallon drum \$35.00. Two larger sizes not postpaid.

***Knox-Them-All Spray.** A household spray for bed bugs, moths, roaches, etc. Will not stain. Pint can 40c, postpaid 50c; quart can 75c, postpaid 90c; ½ gal. can \$1.45, postpaid \$1.65; 1 gal. can \$2.45, postpaid \$2.75.

***Perslan Insect Powder.** The base for most insect powders and sprays. ¼ lb. 20c; ½ lb. 35c; 1 lb. 60c; postpaid.

Snarol. A poisoned bait for snails, cut worms, sow bugs, etc. 1½ lb. pkg. 35c; 4 lb. pkg. 85c. Cannot be mailed.



***Sodium Fluoride.** For roaches, water bugs, etc. Also used for poultry lice. 1 lb. pkg. 35c; 3 lbs. for \$1.00; 5 lbs. \$1.50; postpaid.

RAT, MOUSE AND RODENT KILLERS

Black Cat. A Red Squill preparation harmless to children or animals. 50c per box, postpaid.

K. R. O. (Kills rats only). Large pkg. 75c postpaid.

McCloud's Red Squill. 3-oz. size 60c; 6-oz. size \$1.00, both postpaid.

Mouse Seed. Poisoned seeds attractive to mice, 2-oz. pkg. 25c, postpaid.

Sweeney's Poisoned Wheat. In sealed packages. 2-oz. size 15c; 4-oz. size 30c; 1-lb. size 60c. All postpaid.

Rat-Nip. Bait in paste form in tubes. One of the very best we have ever had. 2½-oz. tube 35c postpaid.

WEED KILLERS

Weeds ruin the finest lawns, especially when barnyard fertilizers have once been used. It is usually necessary to put in a new lawn if such fertilizer was spread, but if the infestation is not too serious weeds can be eliminated by the use of the following—

Adco Weed-Killer. A 3-lb. can will treat a plot 20 ft. by 15 ft. 3-lb can, 95c, by mail, \$1.10; 25-lb. bags, \$3.75, by mail, \$3.90. Full directions with each size.

Hammond's Weed Killer. See page 35.

Sprayers, Spray Pumps and Dusters

FREE "SPRAYING GUIDE" on request. Tells How, What, and When to spray

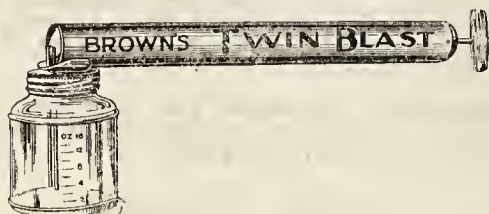


Duster Brown No. 1. A $\frac{1}{2}$ pint all tin duster suitable for ground crops or small trees. Each 60c; postpaid 75c.

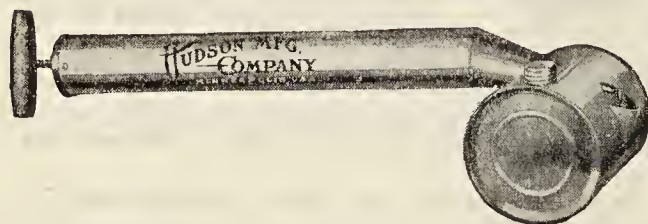
Brown's Crystal Duster. A serviceable duster with an 18 inch cylinder, glass tank holding 1 quart, equipped with agitator, spreader, and extension tube. Each \$1.35, postpaid \$1.45.



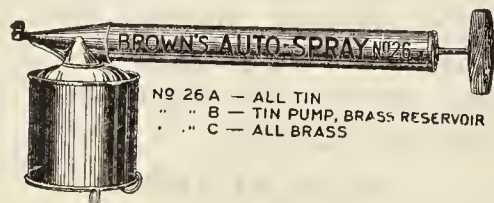
Hudson Household Sprayer No. 2-F. A small sprayer for the home. Each 20c, postpaid 30c.



Brown's Twin Blast Sprayer. Glass reservoir, holding 1 quart, will outlast several tin or galvanized sprayers. Each 65c, postpaid 80c.



Hudson Misty No. 452. A heavy tin quart capacity pump throwing a fine mist-like spray. Each 45c; postpaid 55c.



NO 26 A — ALL TIN
" " B — TIN PUMP, BRASS RESERVOIR
" " C — ALL BRASS

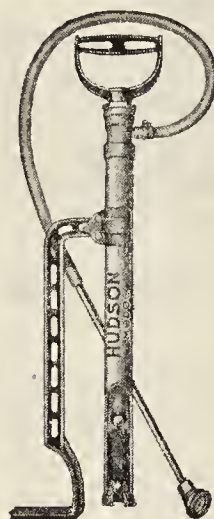
Brown's Auto-Spray. A continuous spray, saving time and elbow grease.

No. 26-A, quart tin tank, \$1.00, postpaid \$1.10.

No. 26-B, brass tank, \$1.50, postpaid \$1.60.

No. 26-A-G, glass tank, \$1.25, postpaid \$1.35.

Whirlwind Sprayers. Quart tank, tin, distributes fine misty spray, without wasting solution. Each 50c, postpaid 60c.



Hudson
Modoc No. 132

Hudson Senior Modoc No. 132. All brass pressure bucket pump, \$4.25, by mail, \$4.45

Hudson Junior Modoc, No. 122. All brass, slightly smaller barrel, \$3.25, by mail, \$3.50.

Brown No. 6, will develop 200 lbs. pressure, \$4.00, by mail, \$4.15.



Hudson Junior, No. 140-G, 2 $\frac{1}{2}$ gal., \$4.75, by mail, \$5.15.

Hudson Perfection No. 110, 4 gal, heavily built, \$6.25, by mail, \$6.75.

Hudson Thrifty, No. 120-G, 2 gal., \$3.90, by mail, \$4.15.

Brown's No. 9-D, extra heavy, reinforced corrugated 4 gal. tank, \$6.50, by mail, \$6.75. With brass tank, \$9.50, by mail, \$9.65.

Bamboo Extensions 8 ft. \$3.25 each.

Hudson Bellows Duster, No. 600, \$1.50, by mail, \$1.60.



Garden Tools



No. T-25

Garden Trowels. If by mail, add 5c each.

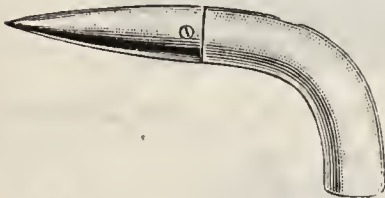
No. T-25. 6-inch transplanting, rolled steel blade. **Each 20c.**

No. T-20. Wide blade. **Each 25c.**

No. 80. One piece all steel, wide blade. **Each 15c.**

No. 81. One piece all steel, narrow blade. **Each 15c.**

No. 82. Five prong all steel weeder, length 9½ inches. **Each 15c.**



Dibbers. All steel, well made, for transplanting. **Each 70c, by mail 80c.**



Graswips. Cut grass and weeds the new way, without stooping. 37 inches long, with 9¼-inch tool steel blade. **Each \$1.00, by mail \$1.10.**



Magic Weeder No. "A." One of the most useful of tools, 3 prongs. **Each 25c, postpaid 35c.**



Hand Weeder No. 830. 5 prong, corrugated handle. **Each 40c, postpaid 50c.**



Pruning Shears No. V-179. 8-inch valute spring. Ladies' shear. **\$1.10, postpaid \$1.20.**

No. 309. California pattern, length 9-inch forged steel blade. **Each 75c, postpaid 85c.**

No. 312. California pattern, length 9 inches, tempered tool steel blade. **Each \$1.45, postpaid \$1.55.**



No. V-52

Grass Shear No. V-52. A shear that will last many seasons without sharpening. **70c, postpaid 80c.**



Dandelion Knife No. 219. A special knife that will not bend. Tool steel, tempered, with enamel handle. **Each 35c, postpaid 45c.**

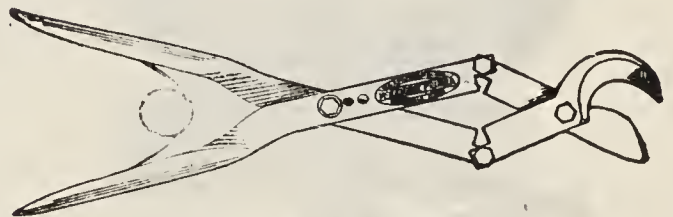


Norcross Cultivators. Every home should have one.

No. 55. 5-prong with full length handle. **\$1.25, not postpaid.**

No. 33. 3-prong, medium length handle. **90c, not postpaid.**

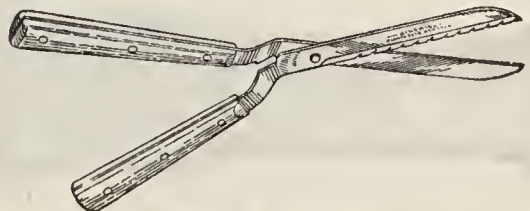
No. 11. 3-prong, short handle. **60c, postpaid 75c.**



McKenney Tree Pruner No. 0. A shear that clips off surprisingly large branches with practically no effort at all. **Each \$2.00, postpaid \$2.15.**



McKenney Tree Pruner No. 1. Has handy grip handle and with its double leverage principle, will cut a broom stick with ease. **Each \$2.50, postpaid \$2.65.**

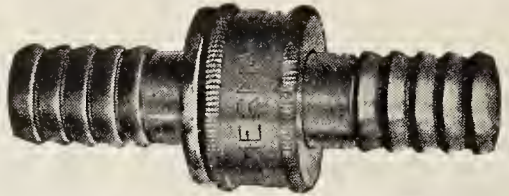


Hedge Shear, Trimsnip No. 08. Full polished blades with maple handle. 8-inch notched blade. A shear to last a lifetime. **Each \$2.60, postpaid \$2.80.**

Rubber Hose and Hose Fittings Nozzles and Sprinklers



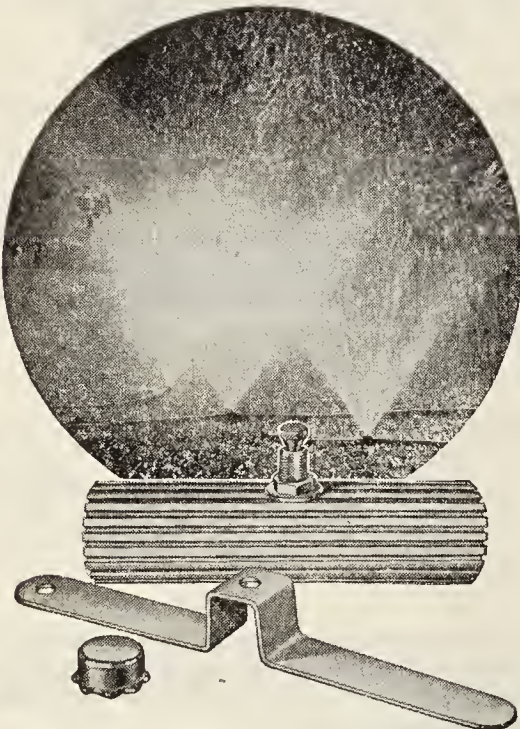
Rubber Hose: "Vigilant" brand. A heavy ribbed $\frac{5}{8}$ -inch hose that will give years of service. 25-foot lengths complete with couplings, \$2.70; 50 feet for \$5.00; 100 feet for \$9.00. Extra couplings, 25c set. Not prepaid.



Sherman Couplings. 15c each, postpaid.



Brass Tube Hose Menders. 5c each postpaid.



Hose Line with Sprays Attached

Hose Line with Sprays Attached. It is now possible to buy any length of hose line with adjustable sprays already attached. For large areas, parkings, etc., this arrangement is a winner. Works beautifully even with low water pressure. 25-foot length, with 3 sprays attached, \$5.50. 50 feet with 5 sprays attached, \$8.25. 50 feet with 4 sprays coupled so they may be detached and changed at will, \$9.75.



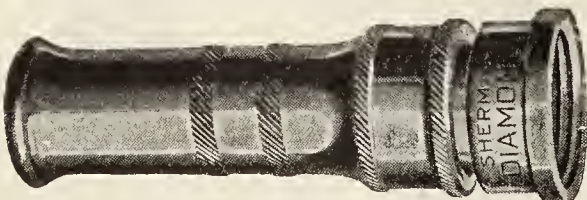
Clincher Menders
Clincher Menders. 10c each, postpaid.



Hose Clamps
Hose Clamps. 5c each, postpaid.



Rose Sprinkler
Rose Sprinkler. 40c each, postpaid.
Wire Hose Holders. Worth their weight in gold when service is considered. 10c each, postpaid 15c each.



Diamond Nozzle

Diamond Nozzle. Adjustable. 45c each, postpaid.

Twin Sprinklers. 35c each, 3 for \$1.00. Postpaid 40c each, 3 for \$1.10.



Extra Spray Heads

Extra Spray Heads. May be used singly, or in series. Each 60c; 3 for \$1.75, postpaid.

Miscellaneous Home and Farm Requisites

Birds IMPROVED NEPONSET Flower Pots



These black NEPONSET POTS are made of tough, waterproof paper, eliminating breakage. It is possible to grow plants to maturity in these inexpensive pots. Popular alike for the amateur or professional gardener or grower. Do not confuse these with the cheaper RED NEPONSET pots, which are cheaper, but only suitable for temporary use, or for shipping.



PLANT BANDS

	(Case of)	Wt.	Per 12	100	1000
2 1/4 in.	1000	16 lbs.	\$0.15	\$0.50	\$ 4.50
3 in.	1000	28 lbs.	.20	.75	6.50
4 in.	500	26 lbs.	.25	1.20	10.50
5 in.	500	44 lbs.	.35	1.80	16.00
6 in.	500	62 lbs.	.45	2.25	20.00

	Doz.	100	1000
2 in.	\$0.10	\$0.40	\$3.00
3 in.	.15	.60	4.25
4 in.	.20	.65	5.25

ONE AND TWO-EYE PLANT STAKES. Good sturdy stakes that will last a life-time and do the job expected of them satisfactorily.

Single-Eye, 24 inch.....	Each 4c; 1 Doz. 45c; 100 for \$3.50
Single-Eye, 36 inch.....	Each 5c; 1 Doz. 55c; 100 for 4.00
Single-Eye, 48 inch.....	Each 6c; 1 Doz. 60c; 100 for 5.50
Two-Eye, 24 inch.....	Each 5c; 1 Doz. 55c; 100 for 4.10
Two-Eye, 36 inch.....	Each 6c; 1 Doz. 65c; 100 for 5.75
Two-Eye, 48 inch.....	Each 7c; 1 Doz. 75c; 100 for 6.75

If by mail, add 10c per doz.; 50c per 100

BAMBOO STAKES, pencil size or larger. Not Postpaid.

2 foot	12 for 10c; 25 for 20c; 50 for 30c; 100 for \$0.40
3 foot	12 for 15c; 25 for 25c; 50 for 40c; 100 for .70
4 foot	12 for 25c; 25 for 45c; 50 for 80c; 100 for 1.15
6 foot	12 for 30c; 25 for 50c; 50 for 90c; 100 for 1.50

GARDEN STAKES. Heavy 1 inch square wood, painted green. Not Postpaid.

3 foot.....	Each 8c; 1 doz. for \$0.85
4 foot.....	Each 10c; 1 doz. for 1.10
5 foot.....	Each 14c; 1 doz. for 1.50
6 foot.....	Each 16c; 1 doz. for 1.85

Books for Better Gardens

Inexpensive books that deal directly with the subject, or subjects, that most appeal to you. Prices quoted are **postpaid**.

Garden Guide. By many experts. A complete handbook for the amateur gardeners on flowers, fruits and vegetables and every other phase of gardening. 576 pages and over 300 teaching illustrations. **Cloth \$2.50.**

Rock Garden Primer. By Archie Thornton. Covering the subject from the ground up for the beginner. 152 pages, 4 color plates, 70 illustrations. Imitation leather, **\$2.15.**

The Book of Annuals. By Alfred C. Hottes. A reliable guide on the cultivation and use of these popular favorites. 182 pages, 155 illustrations, **\$1.65.**

The Book of Perennials. By Alfred C. Hottes. How to grow and enjoy the most durable of all the border plants. 280 pages, over 100 illustrations. **Cloth, \$2.15.**

1,001 Garden Questions Answered. By Alfred C. Hottes. In this book will be found a wealth of garden facts which hundreds of men have spent their lives in obtaining. 320 pages. **Paper, \$1.65; cloth \$2.15.**

Adventures In Dish Gardening. Patten Beard. The fascinating art of making gardens in dishes. Every angle explained through 69 full-page illustrations and text. 220 pages, imitation leather, **\$2.65.**

Practical Landscape Gardening. By Robert Cridland. For the owner of a modest home, telling how to plan and plant from a 20-foot plot up. 280 pages. **Cloth, \$2.65.**

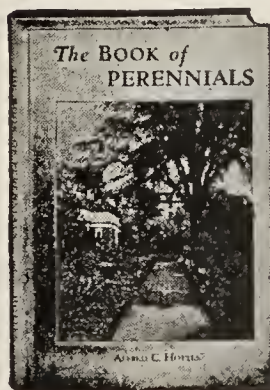
Water Gardens and Goldfish. By R. V. Sawyer and E. H. Perkins. Two closely related subjects presented under the one cover. 200 pages. **Cloth \$2.15.**

Milady's House Plants. By F. E. Palmer. For those seeking success with plants in the home. 176 pages. **Paper \$1.10; cloth \$1.35.**

Modern Dahlia Culture. By W. H. Waite. One book the Dahlia grower needs. 134 pages; six full page color plates, **\$1.65.**

Rose Garden Primer. By Eber Holmes. Tells the truth about rose growing at home for pleasure. 224 pages, **\$1.90.**

Practical Plant Propagation. By Alfred C. Hottes. An amateurs' book on the art and science of increasing plants. **\$2.15.**



Simpson's

1935 Special Collection Offers

JUST TO PROVE THAT WE ARE GOOD SPORTS

Flower Seeds, Cream of the Garden Collection

1 regular packet of each—Ask for COLLECTION NO. 1

Asters, Am. Beauty Mixed,.....	10c
Bachelor Buttons, mixed,.....	5c
Calendula, Fancy mixed,.....	5c
Marigold, African, Mixed,	5c
Nasturtium, Golden Gleam,.....	10c
Petunia, Rose of Heaven,.....	15c
Salpiglossis, mixed,	10c
Snapdragons, Mixed,	10c
Sweet Peas, Burpee's Blend,.....	10c
Zinnias, Giant Dahlia Flowered mixed,.....	10c
90c value in easy-to-grow annuals for only 50c postpaid.	

Vegetable Seeds, enough for an honest-to-goodness garden that will supply a moderately large family for the season—Ask for COLLECTION NO. 2

¼-lb. Beans, Burpees Stringless Green Pod,.....	10c
1-oz. Beets, Detroit Dark Red,.....	15c
1-oz. Carrots, Danvers Half Long,.....	15c
1-oz. Lettuce, Ea. Curled Simpson,.....	15c
¼-oz. Onion, Danver's Yellow Globe,.....	10c
¼-lb. Peas, Dwarf Telephone,.....	10c
1-oz. Radish, French Breakfast,.....	10c
1-oz. Turnips, Ea. White Egg,.....	10c

95c value, all most popular varieties, for only 60c postpaid.

Hardy Perennial Plants. All will bloom the first year, and are perfectly hardy. Enough for a mighty fine flower bed that should last for years. Ask for COLLECTION NO 3

One each, all regulation size roots—

Coreopsis, Golden Yellow,.....	20c
Gaillardia, Blanket Flower,.....	20c
Golden Glow, Coneflower,.....	20c
Pink, Hardy Garden,.....	20c
Shasta Daisy, Alaska,.....	20c
Sweet William,.....	20c

\$1.20 value, postpaid for 75c.

Peony Collection

5 Peony Roots, our selection, all different, \$1.70 value for only \$1.00 postpaid. Ask for COLLECTION NO. 4

Canna Bulb Collection

- 1 King Humbert,
- 1 Orange Bedder,
- 1 The President,
- 1 Yellow King Humbert,
- 1 Richard Wallace,

These 5 best Cannas, 45c value for only 25c postpaid.

Ask for COLLECTION NO. 5

Rose Bush Collection

5 Hardy, Monthly Blooming Rose Bushes, all different, our selection, for only \$2.00 Postpaid. Regular \$3.25 value. Ask for COLLECTION NO. 6

Hardy Flowering Shrubs

- 1 Almond, Pink Flowering,
- 1 Dogwood, Red,
- 1 Honeysuckle, Tartarian,
- 1 Lilac, Purple,
- 1 Spirea, Bridal Wreath,

5 beautiful, hardy shrubs for only \$1.50 postpaid.

Ask for COLLECTION NO. 7

Water Fountains and Feeders

For Chicks and Chickens

O. K. Fountains

No. 400 O. K., \$5.50, postpaid \$5.80. This is an insulated fountain with drinking space all around the fountain. Keeps water warm in cold weather, or cool in warm weather. Excellent as a baby chick fountain by removing from the base and placing flat on the floor. Made of copperzide galvanized iron, which lasts much longer than the ordinary galvanized. Equipped with handy appliance to release the water instead of the old cork style. Made in two sections that come apart, making it easy to clean. Many poultry raisers tell us this is the finest waterer they have ever used.

No. 3 O. K., Super-Heated Fountain. 2½ gallon capacity, similar to the No. 400, except that it has a lamp in the base, guaranteeing warm water in the coldest weather. Price \$3.75, postpaid \$3.95.

No. 4 O. K. Same as above except holds 5 gallons. Price \$4.90, postpaid \$5.15.

No. 10 O. K. 10 gallons capacity. Price \$6.75, postpaid \$7.05.



No. 400 O. K.

Mason Jar Fountains

No. 142 Fits any standard jar, pint, quart, or 2-quart. Galvanized, each 10c; 1 doz. for \$1.00, postpaid. Same style in charcoal tin for buttermilk, each 10c; 1 doz. for \$1.00, postpaid.

No. 32, Star Shaped. Galvanized. Each 10c; 1 doz. for \$1.00, postpaid.

Bottom Fill Fountains

Made in two pieces, easy to clean.

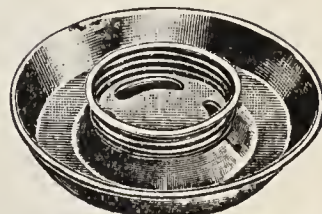
No. 19. 1 quart capacity. Each 25c; 1 doz. for \$2.50, postpaid.

No. 20. ½ gallon capacity. Each 35c; 1 doz. for \$4.00, postpaid.

No. 24. 1 gallon capacity. Each 50c; 1 doz. for \$5.50, postpaid.



Bottom Fill Fountain



No. 142

Mason Jar Fountain

Moe's Round Chick Feeder

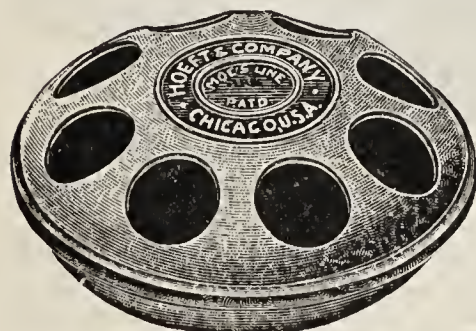
Is in great demand. It keeps the feed pure and prevents waste. Top comes off but is so made that chicks or hens cannot remove it.

No. 11. 6 in. diameter, 8 feed holes. Each 12c; 1 doz. for \$1.20, postpaid.

No. 12. 8¼ in. diameter, 12 feed holes. Each 20c; 1 doz. for \$2.00 postpaid.

No. 131. For buttermilk, 8 holes. Each 20c; 1 doz. for \$2.25, postpaid.

No. 132. For buttermilk, 12 holes. Each 30c; 1 doz. for \$3.50, postpaid.



Moe's Round Chick Feeder



Moe's Eclipse Feeding Trough

Eclipse Feeding Troughs Postpaid

Nos. 137 and 138 Made of charcoal tin for feeding milk or buttermilk.

No. 27—10 in. long, 10 holes.....Each 20c

No. 28—20 in. long, 20 holes.....Each 30c

No. 137—10 in. long, 10 holes.....Each 25c

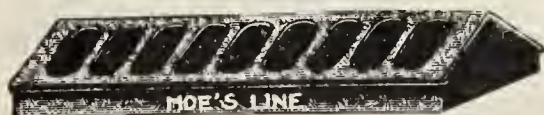
No. 138—20 in. long, 20 holes.....Each 35c

6 for \$1.10 1 doz. for \$2.00

6 for 1.65 1 doz. for 3.00

6 for 1.40 1 doz. for 2.50

6 for 1.90 1 doz. for 3.50



Double Chick Feeder



Single Chick Feeder

No sharp or rough edges. Well made of galvanized steel. Sliding top, easy to fill and clean. Just what you want. Prices quoted are postpaid.

No. 55—Single, length 12 in., 9 holes....Each 25c

No. 56—Single, length 18 in., 13 holes....Each 35c

No. 57—Single, length 24 in., 18 holes....Each 40c

No. 58—Double, length 12 in., 18 holes....Each 30c

No. 59—Double, length 18 in., 26 holes....Each 35c

No. 60—Double, length 24 in., 36 holes....Each 40c

No. 76—Double, length 36 in., 54 holes....Each 60c

Doz. \$2.50

Doz. 3.50

Doz. 4.00

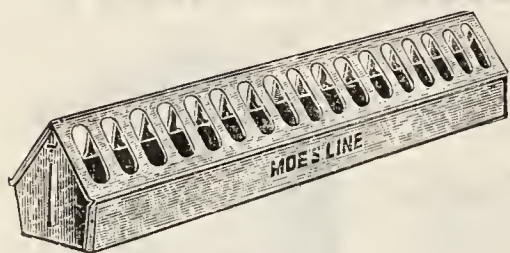
Doz. 3.00

Doz. 3.50

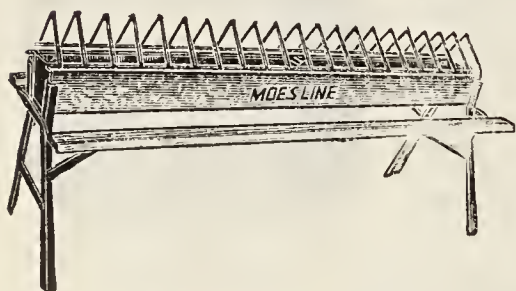
Doz. 4.00

Doz. 6.00

FOUNTAINS AND FEEDERS—Continued



Moe's Intermediate Feeder



Moe's Five-Foot Feeder

A New Five-Foot Feeder with Removable Trough

Moe's Intermediate Feeder

Length of feeder 32 in., width 8 in., depth of pan $3\frac{1}{2}$ in., total height 7 in. Capacity 12 quarts of feed. Has a total of 34 feeder holes, 17 on each side.

No. 154. Galvanized Intermediate Feeder. Each \$1.15; dozen \$11.50, postpaid.

No. 155. Bright Tin Plate Feeder and Waterer. Each \$1.40, postpaid. For milk or buttermilk.

Moe's Five-Foot Feeder

The trough is made of extra heavy galvanized steel and holds 32 quarts of feed. It is five feet long, 8 in. wide and 5 in. deep. Has wide turned-in flanges on each side to prevent waste of feed.

The wire guards are of heavy No. 7 hard galvanized wire, correctly spaced, and electrically welded. Hinged in one unit, so the entire guard can be thrown back for filling and cleaning.

Removable Trough. The trough rests securely on the stand, but is not bolted down and can be easily lifted off to dump and clean it, which is a highly desirable feature.

The stand has strong angle iron legs, well braced, complete with stout wooden perches.

Total height of stand 27 in. Height of perches 17 in.

No. 355. Complete with stand and wire guards. Each, prepaid, \$5.75.

No. 356. Trough only, with wire guards (no stand). Each, prepaid, \$3.50.

Gem Chick Fountains



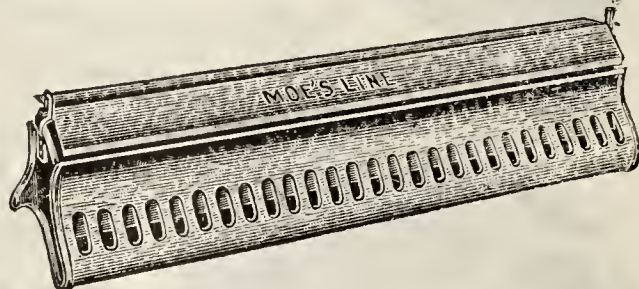
Gem Chick Fountain

A good, inexpensive fountain for chicks or grown fowl. Made of galvanized steel. Easy to fill and clean. The fluted pan is shaped to care for up to 18 chicks at a time without crowding or danger of getting the chicks wet. Diameter of pan, 10 in. Has a substantial top handle for carrying. In two sizes.

No. 158. 1 gallon capacity. Each 60c; doz. \$6.00, postpaid.

No. 159. 2 gallon capacity. Each 85c; doz. \$8.90, postpaid.

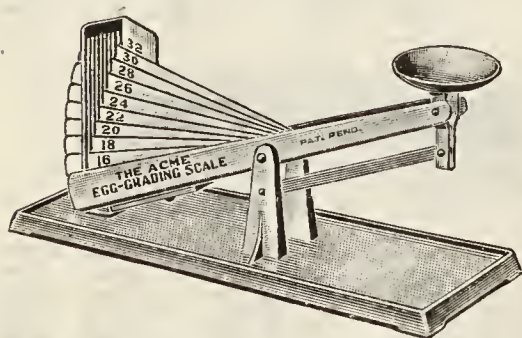
Tilting Top Large Capacity Feeder



No. 141-T. This Feeder has a tilting or swinging top so that chickens cannot perch on it. A fine feeder for large or small flocks. Capacity 17 quarts. Length 35 in., width $8\frac{1}{2}$ in., height 9 in. Has 27 feeder openings on each side or a total of 54 feeder holes. Each \$1.90; per doz. \$19.00; postpaid \$20.50.

No. 140. 32 holes. Each 95c, postpaid.

Miscellaneous Poultry Requisites



Acme Egg Grading Scale

Grade Your Eggs and Comply With the Law

This ACME EGG SCALE is used by more than 100 State institutions.

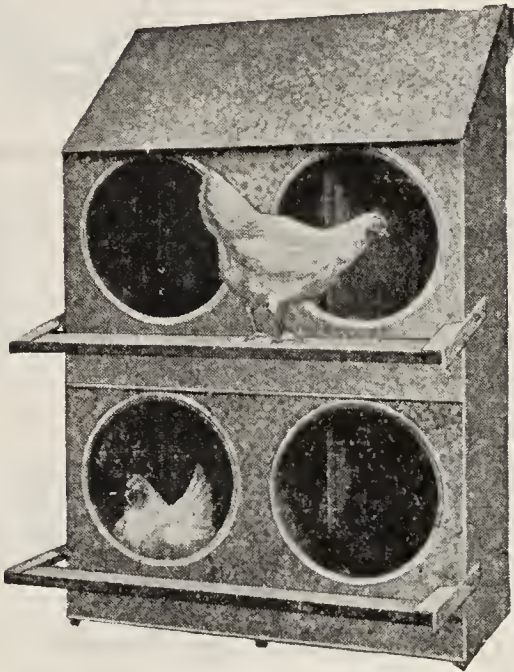
The ACME is now made with graduations required by the Colorado Egg Grading Law.

Ask for Colorado Special, with the following grades—15, 17, 18, 19, $20\frac{1}{2}$, 22, 24, 26, 28 ozs.

When an egg is placed on the beam it at once registers the weight on one doz. such eggs.

PRICE \$2.35 POSTPAID

Poultry House Equipment



The one perfectly ventilated trap nest

Standard Trap Nest. 4-hole section \$6.00; 2 sections (8 holes) \$10.00; 3 sections (12 holes) \$12.50. Traps 40c each.



Caponizing Instruments

Pilling's "Philadelphia" \$2.50; "Farmer" \$3.50; "Special" \$4.00; "Jersey" \$4.50; "Farmer Miles" \$5.00; "Twining" \$4.00; "Lansdowne No. 1" \$4.00; "Lansdowne No. 2" \$3.50. We recommend the "Lansdowne No. 1." All postpaid.



CEL-O-GLASS Poultry Houses
are *Health Houses*

CEL-O-GLASS. Genuine Cel-O-Glass, made by Acetol Products Co., is the strongest and best made of the screen-wire base products. Since May, 1930, a new process has been used, resulting in a longer life article. Prices quoted below are postpaid.

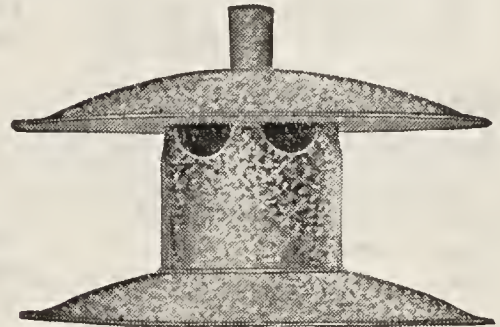
36 inches wide, per running yard....	\$ 1.20
25-foot roll (8½ sq. yards.).....	\$ 9.00
50-foot roll (16½ sq. yds.).....	17.50
100-foot roll (33½ sq. yds.).....	33.50



Humpty-Dumpty Egg Crate

Light slat construction, yet perfectly safe for shipping eggs to market.

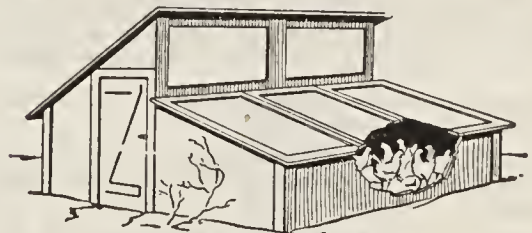
6 dozen size.....	\$0.70;	postpaid....	\$0.80
9 dozen size.....	.75;	postpaid....	.85
12 dozen size.....	.80;	postpaid....	.95
15 dozen size.....	.85;	postpaid....	1.00



The Putnam Brooder Heater

The Putnam Brooder Heater makes an excellent heater for small brooders. Ample for lots of 30 or 40 chicks. It requires tending and refilling only once a week and can be depended upon to furnish a regular supply of heat. Price complete, with instructions for making a home-made brooder \$4.75 postpaid. Extra wicks 5c each, 40c dozen. Extra Wick Holders, 10c.

The Little Putnam Stove is nine inches in diameter and four inches high and BURNS THREE TO FOUR WEEKS WITHOUT REFILLING OR OTHER ATTENTION. Excellent as a fountain heater in cold weather. Price complete \$2.00 postpaid. Extra wicks 25c dozen.

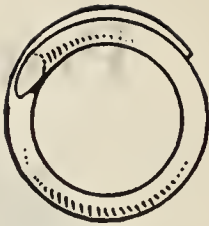


Full 36 inches wide

NEW VIO-RAY GLASS CLOTH. Each year sees improvements in the manufacture of these products. The New Vio-Ray Glass Cloth will wear longer because it is more moisture-proof than other cloth materials. Price:

Per square yard.....	\$ 0.24, postpaid
25 yards for.....	5.50, postpaid
50 yards for.....	10.50, postpaid
100 yards for.....	20.00, postpaid

Leg Bands for Poultry, Pigeons, Turkeys



Colored Spirol Leg Bands. All Postpaid

Made of celluloid in the following non-fading colors: White, Black, Red, Garnet, Pink, Green, Dark Blue, Light Blue, Purple and Yellow. Please be sure to order by number, otherwise we may send the wrong size. Prices quoted are postpaid.

Spirol Leg Band

POSTPAID PRICES FOR SPIROL LEG BANDS

	12	50	100	1000
No. 96—Baby chick size.....	\$0.10	\$0.20	\$0.30	\$2.00
No. 95—Pigeon size .....	.10	.20	.30	2.25
No. 94—Bantam size .....	.10	.25	.40	3.00
No. 93—Leghorn size .....	.10	.30	.50	3.75
No. 92—Red or Rock size .....	.10	.30	.50	3.75
No. 91—Orpington size .....	.10	.35	.55	4.00
No. 398—Turkey size .....	.25	.60	1.10	7.50

Colored Lockfast Bands

Similar to the No. 130 Aluminum, except that the whole band is colored. We have them in three colors: Blue, Green and Red. Numbered 1 to 100. Please order in lots of 50 or 100. Prices are postpaid.

50 for....	\$0.50	500 for....	\$4.00
100 for....	.90	1,000 for....	7.00

"Reliable" Numbered Bands

Wider and heavier than No. 130, with colored numbers. We have them in Blue, Green and Red. Please order in lots of 25, 50 or 100. Prices are postpaid.

25 for....	\$0.50	500 for....	\$ 8.00
50 for....	.95	1,000 for....	15.00
100 for....	1.80		

"Bandettes"

A Spirol celluloid band about 3/8-in. wide. The band is a bright red with a prominent black number. Packed 25 in a box.

25 for....	\$0.50	500 for....	\$ 7.00
50 for....	.95	1,000 for....	13.00
100 for....	1.75		

"Victor" Numbered Bands

Very wide with extra prominent colored number. Intended for marking exhibition birds or for trapnesting.

25 for....	\$0.90	500 for....	\$15.00
50 for....	1.75	1,000 for....	25.00
100 for....	3.40		

No. 130 Aluminum Leg Bands



No. 130 Aluminum Leg Band

The best numbered leg band for ordinary marking. Large, raised numbers that are easy to read. Adjustable for any size fowl. Packed in cartons of 12, 25, 50 and 100 bands each. Numbered 1 to 12, 1 to 25, 1 to 50, 1 to 100, 101 to 200, etc., up to 9,999, which is the largest number made. Prices are postpaid.

No. 130 Aluminum. Numbered, Adjustable Leg Bands.

12 for....	\$0.15	100 for....	\$0.55
25 for....	.25	500 for....	2.50
50 for....	.35	1,000 for....	4.25

Thermometers

ALL POSTPAID

"Tycos" Incubator Thermometer No. 5776. Used with or without stand. Price, complete with stand, 75c, postpaid.

"Tycos" Certified Incubator Thermometer No. 5783. Similar to No. 5776, but certified and guaranteed absolutely accurate. Price, complete with stand \$1.25, postpaid.

"Tycos" Brooder Thermometer No. 5792-S. Price 75c, postpaid.

"Tycos" Brooder Thermometer No. 5794-S. Red liquid, easy to read. Price 60c, postpaid.

"Tycos" Household Thermometer No. 5140-S. Suitable to hang in poultry house, or for outside use. Price 50c, postpaid.

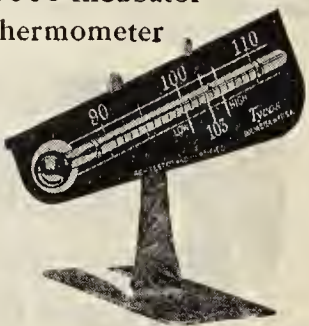
"Tycos" Hygrometer No. 5796. No incubator should be run without a HYGROMETER, as it is necessary to have just the correct amount of moisture throughout the hatch. Full instructions with each hygrometer. Packed one in a box, complete for \$1.65, postpaid. Extra wicks, each 15c, postpaid.



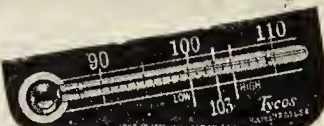
No. 5792

Brooder Thermometer

Tycos Incubator Thermometer



When used with Stand



When used without Stand

No. 5783
Certified

Cod Liver Oil Nopco XX



THE NEW NOPCO XX "3-TON" SEALED CAN. Called "3-Ton" because this one gallon can is enough for 3 tons of egg mash. Puts more "PEP" in poultry and gets the eggs. For ranch mixing in wet mashes or feeding on grains, etc. Does not spoil or lose its feeding value in the can, not affected by heat or cold. **1 gal. can, enough for 3 tons of feed, \$3.50. Not prepaid. Weight 8 lbs.**

BARNES EMULSION—For Worms In Poultry

Quart size, enough for 25 fowls\$ 1.00
Gallon size, enough for 100 fowls 3.00
5-gallon kegs, enough for 500 fowls 12.50

The non-shock worm remedy. Acts as a tonic, but gets the worms.

E. BARNES EMULSION



YEAST FOAM (ANIMAL-POULTRY). Yeast not only contains the VITAMINE that promotes growth, but it makes other foods digestible that would be partially wasted were yeast not present. **FREE** booklets describing its use and benefits.

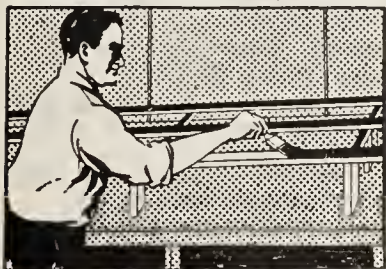
NORTHWESTERN ANIMAL-POULTRY YEAST FOAM. 4 lb. box \$1.00; 25 lb. box \$6.00; 100 lb. drum \$23.00. All prepaid.

TRENGOVE'S NON-PIKK. ¼ lb. (500 chick) 50c; ½ lb. (1,000 chick) 75c; 1 lb. (2,000 chick) \$1.00. All prepaid.

At the first sign of toe-picking, etc., apply a small amount of NON-PIKK on the wings and tails of several birds in each pen. Not necessary to confine treatment to picked birds, but acts as a healer and prevents further picking.

Trengove's
REG. U.S. PAT. OFF.
NON-PIKK
FOR CANNIBALISM
(Toe & Rump Picking, Feather Pulling)

'PAINT' THE ROOSTS



WITH 'BLACK LEAF 40'

BEST CONTROL FOR POULTRY LICE Black Leaf 40 Works While They Roost

It has been demonstrated that "Black Leaf 40," undiluted, painted on the top side of the roost will control body lice. This saves the labor of handling each bird, either to dust, dip or grease. "Black Leaf 40" does not harm the birds nor retard egg production. We regard this discovery as one of the greatest aids to poultry raising in the last generation. One ounce of "Black Leaf 40" will paint from 12 to 15 feet of roosts. One pound will paint 190 to 240 feet.

Prices—One ounce bottle 35c; five ounce bottle \$1.00; 1 pound bottle \$2.25; 2 pound tin \$3.25; 5 pound tin \$5.85; 10 pound tin \$10.60. Black Leaf 40 being a nicotine poison. Add postage if by mail.

NEMA WORM CAPSULES, PARKE DAVIS & CO.

No. 188, for baby chicks and turkeys three weeks old or older. **Box of 12 for 25c; box of 50 for 60c.**

No. 187, for chickens and turkeys, adult fowls up to 6 pounds. **Box of 12 for 35c; box of 50 for \$1.00.**

Ask for free booklet on NEMA CAPSULES for poultry, dogs, hogs, etc.

FLEMING'S EGG PRESERVER. An egg paste, quickly applied with the hands, that will keep a fresh egg fresh for from six to ten months. 2-oz. can, sufficient for 60 to 90 doz. eggs, **50c**; 4-oz. can, **75c. Postpaid.**

WATER GLASS. One quart will put down 25 doz. eggs. Pint cans, **25c**; Quart cans, **40c**; Half gallon cans, **70c. Postpaid.**



Burrell-Dugger Poultry Preparations

THESE PRICES ARE POSTPAID



DON SUNG

TONIC FOR LAYING HENS

Don Sung is a concentrated medicine — no bulk or filler—ready to add to the mash-feed. It has a direct tonic action and doesn't force or hurt the hen in any way. It does its wonderful work by putting the hen in good health, and helping maintain that health.

Prices: Small guaranteed size, 50c; large size (3 times 50c size), \$1.00; special size (6 times \$1.00 size), \$5.00.

Group-Over

For roup, colds and canker. At the first symptom of a cold in your flock, start giving it to every affected bird. Group-Over clears the air passages and brings relief with magic quickness.

Prices: 50c, \$1.00 (3 times 50c size) \$3.00 (More than 5 times the \$1.00 size)

For Chick Diarrhea

Loss of baby chicks can be stopped—easily, quickly and at almost no expense by using Avicol in the drinking water. It is a special bowel astringent, and helps the chick withstand infection. **Prices:** 50c, \$1.00 and \$5.00.



Lee's Poultry Preparations

THESE PRICES ARE POSTPAID

Lee's Germozone. 4 oz. bottle 40c; 12 oz. bottle 75c; 32 oz. bottle \$1.50; half gallon bottle \$2.50; gallon bottle \$4.50.

Lee's Gizzard Capsules. Adult size. 50 caps. 75c; 100 caps. \$1.35; 250 caps. \$3.00; 500 caps. \$5.50; 1,000 caps. \$10.00.

Lee's Gizzard Capsules. Chick size. 50 caps. 40c; 100 caps. 75c; 250 caps. \$1.75; 500 caps. \$3.25; 1,000 caps. \$6.00.

Lee's Leemulsion. 12 oz. bottle \$1.00; 32 oz. bottle \$2.00; half gallon bottle \$3.50; gallon bottle \$6.50.

Lee's Pinjectol. For pin worms. Especially recommended for TURKEYS. 12 oz. bottle 75c; 32 oz. bottle, \$1.50; ½ gal. bottle, \$3.00; 1 gal. bottle, \$5.75.

Lee's Dosing Syringes. Each 25c.

Lee's Nasal Syringes. Each 75c.

Lee's Vapo-Spray. 32 oz. can 75c; half gallon can \$1.25; gallon can \$2.00; 5 gallon can \$8.75.

Lee's Liquid Lice Killer. Quart can 60c; half gallon can 90c; gallon can \$1.50.

Lee's Louse powder. 1 lb. can 25c; 2½ lb. can 50c.

Lee's Egg Maker. 2 lb. carton 40c; 5 lb. carton 90c; 12 lb. pail \$2.00; 25 lb. pail \$3.75.

Pratts

POULTRY PREPARATIONS

These Prices Are Postpaid

Pratt's Poultry Regulator. 26 oz. pkg. 30c; 4 lb. pkg. 60c; 12½ lb. pkg. \$1.75; 25 lb. pail \$3.25; 100 lb. bag \$10.25.

Pratt's Powdered Lice Killer. 1 lb. pkg. 25c; 2½ lb. pkg. 50c.

Pratt's Poultry Worm Powder. 100 Hen size 60; 500 Hen size \$2.00; 1000 Hen size \$3.50.

Pratt's R-P Powder (formerly called Roup Powder). Three sizes, 25c, 50c, and \$1.00.

Pratt's R-P Tablets (formerly called Roup Tablets). Three sizes, 25c, 60c, and \$1.00.

Pratt's Chick Tablets. (formerly called Chick Diarrhoea Tablets). 25c and 50c.

Pratt's Dlp and Disinfectant. Pint cans 40c; quart cans 55c; half gallon cans 85c; gallon cans \$1.50.

Pratt's Sore Head & Chicken Pox Preparation. Two sizes, 35c and 70c.

Pratt's Special Compound (for diarrhoea). Two sizes, 30c and 60c.

Pratt's Roost Paint. ½ pint cans, 85c; pint cans, \$1.50; quart cans, \$2.25; 1 gallon cans, \$7.00.

Pratt's N-K (Nicotine-Kamala) Capsules.

	For Adult Fowls	For Chicks
50 for.....	\$.85	\$0.55
100 for.....	1.50	1.00
500 for.....	5.50	3.75
1,000 for.....	10.00	6.50

DR. HESS & CLARK'S POULTRY AND STOCK PREPARATIONS

ALL PREPAID

Dr. Hess Poultry Pan-A-Min (formerly called Pan-A-Cea).

1½ lb. package.....	\$ 0.25, postpaid
3 lb. package.....	0.50, postpaid
7 lb. package.....	1.00, postpaid
15 lb. package.....	2.00, postpaid
25 lb. package.....	3.00, postpaid
100 lb. drum.....	10.50, prepaid

Dr. Hess Poultry Ver-Mi-Troi (formerly called Worm Powder). When mixed with the feed will control worms in poultry.

4 lb. package.....	\$ 1.25, postpaid
10 lb. package.....	2.75, postpaid
25 lb. package.....	6.25, postpaid

Dr. Hess Instant Louse Killer

1 lb. package.....	\$ 0.25, postpaid
2½ lb. package.....	.50, postpaid

Dr. Hess Poultry Tablets (formerly called Roup Tablets).

Small size package.....	\$ 0.25, postpaid
Medium size package.....	0.50, postpaid
Large size package.....	1.00, postpaid

Dr. Hess Chick Tablets (formerly called Diarrhoea Tablets).

Small size package.....	\$ 0.25, postpaid
Medium size package.....	0.50, postpaid
Large size package.....	1.00, postpaid

Dr. Hess Dlp and Disinfectant. Forms a milky white solution when mixed with water. Rated equal to any and better than most.

12 oz. bottle.....	\$ 0.50, postpaid
Quart cans.....	.60, postpaid
Half gallon cans.....	.90, postpaid
Gallon cans.....	1.60, postpaid
5 gallon cans.....	7.00, prepaid
30 gallon barrels.....	32.00, prepaid
50 gallon barrels.....	45.00, prepaid

Dr. Hess Hog Special. Widely used and universally liked.

7 lb. package.....	\$ 1.00, postpaid
15 lb. package.....	2.00, postpaid
25 lb. package.....	3.00, postpaid
100 lb. drum.....	10.50, prepaid

Dr. Hess Improved Stock Tonic. An excellent tonic for all stock, especially recommended for milk cows.

5 lb. package.....	\$ 0.75, postpaid
15 lb. package.....	2.00, postpaid
25 lb. package.....	3.00, postpaid
100 lb. drum.....	10.50, postpaid

Dr. Hess Fly Spray. We have sold many kinds, but like this one the best.

½ gallon cans.....	\$ 0.90, postpaid
Gallon cans.....	1.60, postpaid
5 gallon cans.....	6.25, prepaid
30 gallon drum.....	32.00, prepaid
50 gallon drum.....	45.00, prepaid

Dr. Hess Antiseptic Powder (formerly called Healing Powder).

4 oz. package.....	\$0.25, postpaid
10 oz. package.....	.50, postpaid

Dr. Hess Udder Ointment, 50c postpaid. An article of unusual merit.

HESS & CLARK PRODUCTS are standard the country over. Use them regularly and save money by keeping your poultry and stock in the best of health.

Carbola Stays Put

A disinfecting white paint in powder form. Can be sprayed on like whitewash, or applied with brush.

5 lb. pkg. (makes 5 gallons) 75c, postpaid 90c; 10 lb. pkg. \$1.25; postpaid \$1.45; 25 lb. bag \$3.00, postpaid \$3.40; 50 lb. bag \$5.00, postpaid \$5.60.

In our opinion the most wonderful disinfectant ever placed on the market. It is non-poisonous, non-obnoxious to poultry and animals, harmless to fur and skin, a sterilizer and deodorant. We know of nothing that will take its place. Descriptive folders free on request. Prices are postpaid.

B-K Disinfectant, 10 oz. bottles.....	\$ 0.50
B-K Disinfectant, quart bottles.....	.90
B-K Disinfectant, gallon bottles.....	2.00
B-K Disinfectant, 5 gallon bottles.....	8.50
B-K Disinfectant, Powder, 9½ oz. size.....	0.75
B-K Disinfectant, Powder, 1¾ lb. size.....	1.50

Kow-Kare

The universal remedy for milk fever, scouring, and lost appetite. Recommended for prevention of abortion, retained after-birth, etc. 65c and \$1.25 sizes; prepaid.

Epsom Salts

3 lbs. 25c; 15 lbs. \$1.00; 100 lbs. \$4.25; not prepaid.

Better Dusting Powders

Par-I-Nox. the quickest acting powder obtainable. 1½ lb. pkg. 25c postpaid; 3 lb. pkg. 50c postpaid.

Sodium Fluoride, recommended by many state experiment stations. ½ lb. 15c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.25; 10 lbs. \$2.75. Cannot be mailed.

Grange Garget Remedy

A dairy association produce. 65c postpaid.

Bag Balm

Used for years by Western dairymen. 60c each prepaid.

Disinfectant and Spray Material

Creosote. Quart 35c; half gallon 55c; 1 gallon 80c; 5 gallon can \$3.00; not prepaid.

Tarolfectant. Disinfectant and lice spray with creosote and oil base. 1 gallon \$1.50; 5 gallons \$6.25; not prepaid.



Poultry—Pigeon—Rabbit Foods

These Prices Subject to Market Changes

POULTRY FOODS	5-lb. bag	10-lb. bag	25-lbs.	50-lbs.	100-lbs.
Baby Chick Starting Mash,.....	\$0.30	\$0.60	\$1.05	\$1.95	\$ 3.75
Baby Chick Scratch Grain,.....	.25	.50	1.00	1.85	3.50
Chick Growing Mash,.....	.30	.55	1.05	1.90	3.30
Chick Growing Scratch Grain,.....	.25	.50	.90	1.60	3.10
Laying Mash for Hens,.....	.25	.50	.90	1.65	3.15
Scratch Grains for Hens,.....	.20	.35	.80	1.50	2.75
	For 25c	For 50c	For \$1.00	50-lbs.	100-lbs.
Wheat,	7-lbs.	15-lbs.	30-lbs.	\$1.35	\$ 2.40
Corn, Whole yellow,.....	7-lbs.	15-lbs.	30-lbs.	1.45	2.55
Corn, Cracked yellow,	7-lbs.	15-lbs.	30-lbs.	1.55	2.65
Barley, whole,	7-lbs.	15-lbs.	30-lbs.	1.35	2.40
Barley, rolled,	7-lbs.	15-lbs.	30-lbs.	1.45	2.55
Oats, Table rolled,	4-lbs.	9-lbs.	18-lbs.	2.65	5.40
Oats for sprouting,	6-lbs.	13-lbs.	28-lbs.	1.65	3.10
Bran, red,	9-lbs.	20-lbs.		1.20	2.05
Oyster Shell, crushed,	16-lbs.	25-lbs.		.80	1.25
Grit, Calcite,	10-lbs.	25-lbs.		.80	1.25
Charcoal, hen or chick size,.....	5-lbs.	12-lbs.	25-lbs.	1.75	2.75
Poultry Pepper, 20c lb.		3-lbs.	7-lbs.	6.00	11.00
Meat Scraps,	6-lbs.	13-lbs.	28-lbs.	1.65	3.00
Bone Meal,.....	6-lbs.	13-lbs.	28-lbs.	1.40	2.50
Blood Meal,	6-lbs.	13-lbs.	28-lbs.	1.85	3.50

Yeast, Animal-Poultry, 4-lb. box for \$1.00; 25-lb. box for \$6.00.

Pigeon Foods and Supplies

Mixed Pigeon Feed,	4-lbs.	9-lbs.	20-lbs.	\$2.35	\$4.85
Pigeon Health Grit,	6-lbs.	14-lbs.	32-lbs.	1.30	2.25
Hemp Seed 10c lb.	3-lbs.	6-lbs.	12-lbs.	3.25	6.00
Pigeon Peas,	5-lbs.	11-lbs.	23-lbs.	2.25	4.00
Grit Box, two compartment, 40c each.					
Pigeon Feeders, No. 106, \$1.30 each.					
Pigeon Nests, No. 107, galv. steel, sanitary, 15c each.					
Pulvex Lice Powder, 50c; \$1.25; and \$6.00 sizes.					

Rabbit Foods and Supplies

Barley, Rolled, see above.					
Bran, White,	9-lbs.	20-lbs.		\$1.20	\$2.20
Golden Pellets,	6-lbs.	13-lbs.	28-lbs.	1.65	3.10
Bovier's Specific, conditioner, small size 35c; large size 70c.					
P. H. Powder, see page 53.					

Pottery Feed Dishes with flange tops. Pint size 15c each; doz. \$1.50; quart size 17c each; doz. for \$1.80.

Pottery Drinking Dishes. Round bottom, will not tip over or split with frost. Pint size 15c each; doz. for \$1.50; quart size 17c each; doz. for \$1.80; half gallon size 20c each; doz. for \$2.00. Not prepaid.

Salt-Sulphur Spools. 5c each; 12 for 40c; postpaid 50c; 100 for \$2.50; postpaid for \$2.75; case of 250 for \$5.25, postpaid \$5.75.

Pedigree Blanks. Book of 100 for \$1.00; 25 for 35c; 1 doz. for 20c; postpaid.

Barnes Rabbit Remedies. We find these wonderfully satisfactory to breeders.

Barnes Anti-Diarrhoea. Small size 50c; large size \$1.00, postpaid.

Barnes Anti-Snuffle. Small size 50c; large size \$1.00, postpaid.

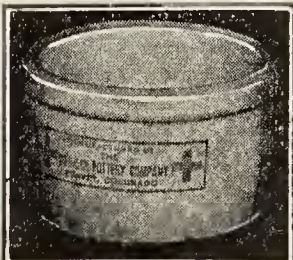
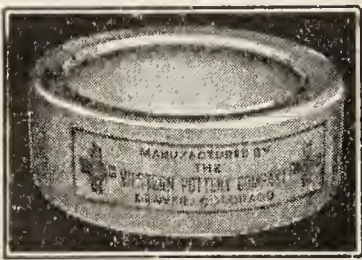
Barnes Anti-Slobber. Small size 50c; large size \$1.00, postpaid.

Breeding Cards. 20c doz.; 100 for \$1.00, postpaid.

Rabbit Disease Books. Each 25c, postpaid.

Rabbit Ear Markers. Complete outfit. \$1.00, postpaid.

Feed Racks. Hold hay and ground feed. 85c each, postpaid.



Feed Dish—Drinking Dish

Food for Dogs, Cats, Foxes, Mink, Etc.

The Most Complete Line In the Rocky Mountain District

FIRST in our list of DOG FOODS is GAINES FOOD, prepared in two forms—GAINES MEAT AND MILK MEAL, and GAINES CUBES, called "KRUNCHONS". GAINES MEAL is a scientifically prepared, balanced ration for all breeds of dogs and puppies. It contains every element, every amino acid, needed to nourish every cell tissue and organ of a dog's body. This is proven by tests conducted in 1932 by Dr. John W. Patterson, B.S.A., M.S., D.V.M., the scientist who has probably done more research work in the field of canine nutrition than any other individual in the world. The following list of ingredients go into the making of GAINES FOOD—Lean Beef, Sweet Milk, Egg Yolk, Processed Beets, Soy Beans, Whole Wheat, Yellow Corn, Whole Rice, Malt Syrup, Minerals, Vylactos.

GAINES MEAT AND MILK MEAL is all ready cooked, ready to serve. It is given either dry just as it comes to you, or moistened with water, milk, or broth. GAINES CUBES (KRUNCHONS) are the same as the meal, but pressed into small cubes about 1/2 inch each way. They are given as is, or moistened if preferred.

PLEASE ASK FOR FREE FOLDER TELLING ABOUT GAINES FOOD AND HOW TO FEED IT. This folder contains a lot of useful information.

BULK DOG FOODS. You get more for your money in bulk than in any package food.

PRICES ARE F.O.B. DENVER. Add postage if by mail.

	1-lb.	2-lbs.	5-lbs.	10-lbs.	25-lbs.	50-lbs.	100-lbs.
Gaines Meat and Milk Meal.....	\$0.15	\$0.25	\$0.60	\$1.10	\$2.20	\$3.85	\$ 7.30
Gaines Cubes (Krunchons).....	.15	.25	.60	1.20	2.40	4.25	7.80
Austin's Dog Bread.....	.15	.25	.60	1.20	2.80	5.25	10.00
Austin's Puppy Bread.....	.15	.25	.60	1.20	3.00	5.75	11.00
Champion Dog Biscuit.....	.15	.25	.60	1.20	3.00	5.75	11.00
Champion Puppy Biscuit.....	.15	.25	.60	1.20	3.00	5.75	11.00
Champion Kibbled Biscuit.....	.15	.25	.60	1.20	3.00	5.75	11.00
Chappel Ken-L-Biscuit.....	.15	.25	.65	1.10	2.50	4.25	8.35
Chappel Kib-L-Biscuit.....	.15	.25	.65	1.10	2.50	4.20	8.20
Chappel Ken-L-Worth.....	.15	.25	.60	1.00	2.20	4.00	7.35
Miller's Kibbled.....	.15	.25	.65	1.10	2.50	4.25	8.30
Purina Chow, Large or Small....	.15	.25	.55	1.00	2.45	4.00	7.85
Spratt's Fibo.....	.20	.35	.85	1.60	3.75	7.00	13.25
Spratt's Ovals.....	.20	.35	.80	1.50	3.50	6.35	12.25
Spratt's Charcoal Ovals.....	.20	.35	.80	1.50	3.50	6.50	12.50
Spratt's Cod Liver Oil Cakes....	.20	.35	.85	1.60	3.75	7.00	13.25

Spratt's Package Foods, add 10c per pkg. if by mail.

- Fibo, (granulated). Cartons, a little over 2-lbs., each, 45c.
- Ovals, (small, round), cartons, a little over 2 lbs., each, 40c.
- Charcoal Ovals, cartons, each, 45c.
- Dog Cakes, cartons, each, 40c.
- Puppy Cakes, cartons, each, 45c.

Milk Bone (Bone-Shaped Biscuits) Add 10c if by mail.

- For Dogs, large carton, 35c each, \$4.00 per doz.
- For Dogs, small carton, 20c each, \$2.00 per doz.
- For Puppies, large carton, 35c each, \$4.00 per doz.
- For Puppies, small carton, 20c each, \$2.00 per doz.

Morses Morsels. A wonderfully appetizing food, especially recommended for Scotties, 2-lb. carton, 40c, by mail 50c. 12 for \$4.50 not postpaid.



"Brownie" Simpson

Perry & Hope's wonderful "P. H." for Pets

Manufactured by
Perry & Hope, Glasgow, Scotland

PLEASE ASK FOR DESCRIPTIVE FOLDER. This is something every dog, cat and fox owner should know about. MIX A LITTLE "P. H." POWDER IN THE FOOD. It will eliminate WORMS, purify the intestinal tract, and "pep" up your animals wonderfully. Many breeders recommend "P. H." POWDER as a guaranteed preventive of DISTEMPER.

Pet Size, 4-oz. can 50c, 60c by mail.	
1 1/2 lb. tin.....	\$ 1.50, by mail.....\$ 1.65
3 1/2 lb. tin.....	3.00, by mail..... 3.25
7-lb. tin.....	5.15, by mail..... 5.40
28-lb. tin.....	18.25, by mail..... 18.75

Dog Foods in Cans

CALO

Dog Food, 1-lb. cans, each, 10c; 12 for \$1.00; case, 48 for \$3.95.

Puppy Food, 1-lb. cans, each, 10c; 12 for \$1.00; case, 48 for \$3.95.



KEN-L-RATION

For Dogs or Puppies, 1-lb. cans. Each, 10c; 12 for \$1.20; 48 for \$4.40.

GOLDEN

1-lb. cans, each, 10c; 12 for \$1.00; 36 for \$2.95.

10-oz. cans, each, 8c; 4 for 30c; 12 for 80c; 48 for \$2.95.

PARD (Swift & Co.) (BEEF, not horse meat)

1-lb. cans, each, 10c; 12 for \$1.10; 48 for \$4.00.



KIPPY

1-lb. cans, each, 10c; 12 for \$1.15; 48 for \$3.85.

10-oz. cans, each, 9c; 3 for 25c; 12 for 95c; 48 for \$3.50.

RED HEART (Vary the diet with these 3 foods)

A, 1-lb. cans with beef, each, 10c; 12 for \$1.10; 48 for \$4.30.

B, 1-lb. cans with fish, each, 10c; 12 for \$1.10; 48 for \$4.30.

C, 1-lb. cans with cheese, each, 10c; 12 for \$1.10; 48 for \$4.30.

Supplementary Foods in Bulk For Dogs and Foxes

EDIBLE BONE MEAL, STERILIZED

A very necessary part of the ration of growing animals. Our supply is pure, clean, and especially prepared for dogs, foxes, etc. 3-lbs. for 25c; 10-lbs. 50c; 25-lbs. \$1.00; 50-lbs. \$2.00; 100-lbs. \$3.25. Not Prepaid.

Yeast—Animal-Poultry. 12-oz. size 50c; 4-lb. size \$1.00; 25-lb. size \$6.00. Postpaid.

Regular users of Animal-Poultry Yeast may subscribe to "The Feed Hopper" without cost. This little magazine contains many helpful suggestions on the care and feeding of dogs.

DELCREO Dog Remedies (POSTPAID)

At the request of a number of prominent kennel men, we secured the distribution of this line of DOG REMEDIES. We believe it to be superior to any line on the market.

DELCREO FOR DISTEMPER,
4-oz. size.....\$1.50
16-oz. size 5.00

DELCREO TONIC & CONDITIONER,
2-oz.75

DELCREO SOLUBLE SULPHUR
COMP. 2-oz.60
4-oz.\$1.00

DELCREO SOLUBLE SULPHUR
TABLETS, Box 20..... .65
Box 40..... 1.00

DELCREO SOLUBLE SULPHUR
COMP. External. 4-oz..... 1.00
16-oz. 3.00

DELCREO OINTMENT, 1-oz..... .50
4-oz. 1.50

DELCREO SULFMINOL, 4-oz.50
16-oz. 1.50

DELCREO DOG SOAP, cake25

DELCREO EYE LOTION, 2-oz.60

DELCREO ROUNDWORM TABLETS,
For Dogs\$.65
For Puppies and Toys..... .65

DELCREO TAPEWORM TABLETS,
For Dogs75
For Puppies and Toys..... .75

DELCREO ROUNDWORM AND HOOK-
WORM CAPSULES, for Dogs..... .60
For Puppies and Toys..... .60

DELCREO VERMIFUGE, 2-oz..... .60

DELCREO LAXATIVE, 4-oz.35

DELCREO VITAMIN TESTED COD
LIVER OIL, 4-oz.30
Pint60
Quart 1.00

DELCREO INSECT DUSTING
POWDER, 3-oz.50

MEDICINAL FOODS, REMEDIES, ETC. FOR DOGS—ALL POSTPAID

KAL-FOS. A bone builder, preventive of rickets, tonic and anti-acid for mother animals. 1 lb. cans, 75c, postpaid.

MILLER'S VITAMIL. A ration of vitamins and minerals, to be mixed with daily ration at the rate of 1 percent. 8 oz. cans, 75c, postpaid.



PULVEX. A flea and louse powder positively unequaled. One application will stop scratching. 2 oz. can, 50c; 12 oz. pkg. \$1.25; 5 lb. pkg. \$6.00. Postpaid.

FFRENCH VERMICIDE CAPSULES. No. 1, grown dogs, box of 8 for 50c; box of 20 for \$1.00.

FFRENCH VERMICIDE CAPSULES. No. 2, puppies, box of 10 for 50c; box of 25 for \$1.00.

FFRENCH VERMICIDE CAPSULES. No. 3, very young puppies, box of 30 for \$1.00.

FFRENCH TAPEWORM CAPSULES. Box of 20 Capsules for \$1.00.

FFRENCH TONIC GLOBULES. Box of 100 for \$1.00.

FFRENCH LAXATIVE GLOBULES. Box of 100 for \$1.00.

FFRENCH ENERTIC GLOBULES. Box of 100 for \$1.00.

FFRENCH ANTISEPTIC POWDER, for the eyes. \$1.00.

FFRENCH ANTISEPTIC POWDER, for the ears. \$1.00.

FFRENCH FLEA AND LICE POWDER. 4 oz. box, \$1.00.

FFRENCH CEDAR DOG SOAP. 4 oz. box, 50c.

Special Ranch and Kennel Sizes Used By Many Fox Farms

FFRENCH VERMICIDE CAPSULES. No. 1, box of 100, \$4.00; 500 for \$18.00.

FFRENCH VERMICIDE CAPSULES. No. 2, box of 100, \$3.00; 500 for \$13.00.

FFRENCH VERMICIDE CAPSULES. No. 3, box of 100, \$2.50; 500 for \$10.00.

FFRENCH TAPEWORM CAPSULES. No. 1, box of 500 for \$18.00.

NOTE: Distributors are not permitted to carry the last four sizes in stock. Send us your order, with remittance, we wire order to factory to be shipped direct to you.

CLAYTON'S DOG MEDICINES. The following are 60c, postpaid.

Mange, Skin Lotion, Distemper and Colds, Condition Pills, Chorea, Anti-Acid, Laxative, Worm Pills, Tape Worm, Vermifuge Liquid, Vermifuge Soft Capsules, Worm Bullets, Canker, Eye Lotion, Nerve Sedative, Cough Syrup, Puppy Tonic, Rheumatic, Diarrhoea; and Goltre Remedy, \$1.00. The following soaps are 25c: Shampoo, Killflea, Cream Soap. Killflea Powder, 35c.



NEMA WORM CAPSULES. (Chemically tested Tetrachlorethylene.)

No. 188, toy dogs and fox cubs, box of 12, 25c; 50 for 60c.

No. 187, small adult dogs, box of 12, 35c; 50 for \$1.00.

No. 189 medium sized adult dogs, box of 12, 60c; 50 for \$2.00.

No. 190, adult dogs, box of 12, 75c; 50 for \$2.50.

No. 191, small puppies, box of 12 for 30c; 50 for 75c.

SERGEANT'S DOG AND CAT REMEDIES.

The following are 60c each, postpaid: Condition Pills, Sure-Shot Capsules, Sure Shot Puppy Capsules, Sure-Shot Liquid, Chorea, Diarrhoea, Coughs and Colds, Rheumatism, Tapeworm, Canker, Mouth Wash, Peppin Tablets, Liniment, Eye Wash, Laxative. The following are \$1.20 each, postpaid: Running Fits, Distemper. Mange, 65c. The following are 25c each: Disinfectant, Carbolic Tar Soap, Skip-Flea Soap, Skip-Flea Powder.

CLAYTON'S CAT REMEDIES. All 60c each, postpaid: Mange, Distemper Liquid or Powder, Catnip Tonic, Chorea, Anti-Acid, Laxative, Worm Tablets, Tape Worm, Vermifuge Liquid, Canker, Eye Lotion, Fits, Cough Syrup, Diarrhoea, Mouth Wash.

Dog Strippers.

The "DURO", with one blade, \$1.00 postpaid.

The "DUPLEX", with extra blades, \$1.50 postpaid.

Feed Dishes

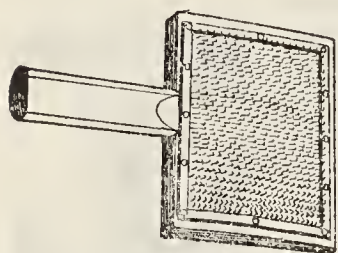
Spratt's, Glazed, green or red, 5½ inch, 40c each, not postpaid.

Medicine Spoons, just the thing to administer liquid doses, 50c postpaid.

Miscellaneous Dog Supplies Postpaid

Rubber Play Balls. Medium size 15c, postpaid 20c; large size 25c, postpaid 30c.

Rubber Bones. Pure, live rubber that dogs cannot destroy. 15c each postpaid.



ALL POSTPAID

WASCO WIRE DOG BRUSHES, DUCO COLORED BACKS.
Each, \$1.10, set of 2, one fine and 1 coarse toothed, \$2.00
ALL POSTPAID.

SET "A", RED DUCO, for smooth coat.

SET "B", ROSE DUCO, for wire haired.

SET "C", GREEN DUCO, for short haired.

SET "D", BLUE DUCO, for long haired.

Craftsman Wood Handle Rake.....Postpaid .48

Dog Chains. No. S70, 4½ ft., light weight,
piano wirePostpaid .15

Dog Chains. No. 1203, 6 ft. medium length,
piano wirePostpaid .35

Lead Chains. No. 2, 6 ft., medium weight,
with hand gripPostpaid .30

Tie Out Chain, 15 ft., light but strong.....Postpaid .75

Dog Collars. No. 6 round, lengths 12-14-16 inchesPostpaid \$0.70

Dog Collars. No. 7 round, lengths 14-16-18 inches90

Dog Collars. No. 00, lengths 6-8-10-12 inches25

Dog Collars. No. 600, lengths 8-10-12-14 inches35

Dog Collars. No. 1000, lengths 12-14-16-18-20 inches65

Combs, stripping, No. 5, length 4½ inches 1.25

Combs. No. 9, heavy, for long haired dogs65

Combs. No. 10, heavy, for wire haired dogs90

Combs. No. 12, medium teeth35

Combs. No. 14 for fine haired dogs.... .45

Harness, red or green, state girth measurement 1.00

Leads, No. 523, 4 ft., with snap and handhold\$ 1.20

Muzzles, assorted styles and sizes, each, 25c to 1.50

Rubber Doughnuts, to aid development of teeth15

Rubber Weiners15

Rubber Squealing Rats15

Rubber Dog Heads, playthings25

Slickers, rubber, size 10 in. to 20 in. measure distance from root of tail to base of neck; red 1.00

Sweaters, wool, 10 in. to 20 in., two color, \$1.25 to 1.75

Whips, No. 25, black, for training and correcting35

Pedigree Blanks, 12 for 15c; 25 for 30c; 50 for 50c; 100, bound in neat book form 1.00

Sani-Bones, mineral treated, polished bones65

Cat Foods and Supplies

Calo Cat Food. 1 lb. cans 15c each; \$1.50 doz.; case of 48 for \$5.50.

Chappel's Kit-E-Ration. 6 oz. cans 10c each, \$1.00 dozen; add postage. 1 lb. cans 16c each, \$1.65 doz.; add postage.

Kippy Cat Food. 5 oz. cans 10c each, \$1.10 doz.; add postage.

Catnip, Dried, Summit Brand. Large pkg. 15c postpaid.

Catnip Balls, hollow, perforated ball, filled with catnip. 20c postpaid.

Catnip Mice, imitation mice filled with catnip. 10c each postpaid.

Catnip Seed, Special packets 10c. Grow your own supply and have it fresh.

Combs. For styles and prices see list under Miscellaneous Dog Supplies.

Q-W DOG REMEDIES

The whole Q-W line will be found satisfactory in every way. The life of your pets may depend on having the proper remedy on hand. **Q-W Hand Book,** describes all remedies, FREE.

Q-W Verminol. Disinfectant and vermin killer. Pint \$1.25; quart \$2.00.

Q-W Dog Soap. Cake form. Per cake 35c; 3 for \$1.00.

Q-W Flea Powder, Per box \$1.00.

Q-W Flea Oil and Coat Grower. Pint \$1.00; quart \$1.75.

Q-W Condition Powder. Conditioner, regulator, aids digestion, mange, eczema, etc. Regular size \$1.00; kennel size \$3.00.

Q-W Constipation Pills. Per bottle \$1.00.

Q-W Phosphated Cod Liver Oil Compound with Lime. Pint \$1.25; quart \$2.00.

Q-W Tonic and Red Blood Builder. Per bottle \$1.00.

Q-W Distemperol. 6 oz. bottle \$2.00; 12 oz. bottle \$3.50.

Q-W Book. All about dogs. Each \$1.00.

Q-W Mange Lotion. 8 oz. bottle \$1.00; quart \$3.25; gallon \$12.00.

Q-W Mange and Flea Soap. Regular size \$1.00; kennel size \$3.00.

Q-W Sulphur Compound Solution. Regular size \$1.00; large size \$1.75.

Q-W Healing Salve. Regular size \$1.00; kennel size \$3.00.

Q-W Worm Mixture. 4 oz. bottle \$1.00; 16 oz. bottle \$2.50.

Q-W Worm Capsules. Per box 65c.

Q-W Tape Worm Mixture. 2 oz. bottle \$1.00; 6 oz. bottle \$2.50.

Q-W Fit and Sedative Tablets. Per bottle \$1.25.

Q-W Rheumatism Tablets. Per bottle \$1.00.

Q-W Liniment. Per bottle \$1.25.

Q-W Diarrhoea and Dysentery Tablets. Per bottle \$1.25.

Q-W Ear Canker Lotion. Per bottle \$1.25.

Q-W Breeding Tablets. Regular size \$2.00; kennel size \$6.00.

Q-W Eye Salve. Per jar \$1.00.

Toy Tropical Fish

Book on Tropical Fish. "The A. B. C. of Tropical Fish," 25c each, postpaid.

Guppy (Rainbow Fish.) Male is less than 1 inch long; female larger and bulkier. Live bearer, producing 8 to 25 live babies every 42 days. **Matured pairs 25c.**

Swordtails, Mexican. Very beautiful live bearing fish with green sword-like tail. Adults are from 1½ to 2 inches long. From 20 to 60 live babies every 60 days. **Matured pairs \$1.00.**

Red Moons. Sparkling red live bearers. Show up in striking contrast to green plants in the aquarium. Very beautiful. **\$1.00 pair.**

Blue Moons. Brilliant ultra-marine with several bars of dark navy blue; live bearers. **80c pair.**

Hybrid Moons. Beautifully colored, **50c pair.**

Salifins. Largest and hardiest of the live bearers. About 3 inches long. Mauve-gray with broken black lines. Male has dorsal fin over half size of body. Fins and tails iridescent green and blue. **\$1.50 pair.**

Silver Tetra. A deep bodied fish with fine silver scales overlaid with sheen of green and blue. Deposits eggs on plants in aquarium. **\$2.75 pair.**

Zebra Fish (Danio rerio.) Marked with horizontal stripes of deep blue and yellow. **75c pair.**

Giant Danio. Popular because of its attractive coloring and lively movements. Silver, with horizontal stripe sometimes pink and sometimes metallic blue. **Pair \$2.00.**

Angel Fish. The aristocrat of the aquarium. See illustration above. Silver, with black bands. **\$2.00 to \$4.00 pair.**

Tropical fish, being sensitive to cold, are usually shipped during warm weather. Winter shipments are possible, by means of thermos cans. If wanted by mail, write for particulars.

Aquatic Plants for Aquariums and Out-Door Pools

Please Do Not Ask Us to Break Bunches

Anacharis. An active oxygenating plant. Long stems with bright green, short leaves. **10c bunch. 15c POSTPAID.**

Arrowheads. Suitable for large aquariums and any out-door pool. Rapid growers, with attractive arrow-shaped leaves. **20c each, 30c POSTPAID.**

Baby Tears. Beautiful, dainty tiny green leaves in profusion. **25c bunch. 35c POSTPAID.**

Cabomba. Glossy green, fan-like leaves. **10 bunch. 15c POSTPAID.**

Ludwigia. Ornamental, broad leaves. **10c bunch. 15c POSTPAID.**

Myriophyllum. Rapid growing, grass-like plant. Feathery and bright green. **10c bunch. 15c POSTPAID.**

Parrot Feather. Unusually bright, light green. One of the very best for pools. **10c bunch. 20c POSTPAID.**

Sagittaria. (Broad Leaf). Suitable for either aquariums or pools. **10c per plant, 3 for 25c. 15c each POSTPAID.**

Vallisneria. Ribbon-like grass, very popular. **4 plants for 15c; 25c POSTPAID.**

Water Hyacinths. Beautiful floating plants for pools and large aquariums. Lavender blooms. **15c each, \$1.50 doz. By mail, 20c each, \$1.75 doz.**



Angel Fish

Water Lettuce. One of the most attractive for both pools and aquariums. Float on water and resemble little half-opened head lettuces. **15c each, \$1.50 doz. By mail, 25c each, \$1.75 doz.**

Water Lilies. Pink, yellow, or white, **75c each.** By mail **90c.** Write for prices for Lilies in named varieties. We carry a number of others, both tropical and hardy kinds.

Water Poppies. Most attractive blooming plants for pools. **15c each, \$1.50 doz. By mail 25c each, \$1.75 doz.**

Wharthon Moss. The most prolific and best looking of all water plants. Ideal for gold or tropical fish and just the thing for making dense growth in pools. **10c bunch. By mail, 15c.**

Fish Foods—

For Tropicals, GEHA. No. 1, coarse; No. 0, medium; No. 00, fine; No. 000, extra fine; **15c per can, 2 for 25c; by mail 2 for 30c.**

"Gehwil". Medium fine, same as GEHA in price.

"Spratts". Fine and Coarse, same price as above.

"Justrite". 3 sizes, coarse, medium and fine; **10c can, by mail 15c.**

Shrimp. Small eaus **10c, by mail 15c.**

For Goldfish, several kinds, Natural **10c can, \$1.00 doz, by mail 15c, or \$1.10 doz.** Wafer, **10c box, \$1.00 doz. By mail 15c or \$1.10 doz.**

Scavengers. If by mail we suggest express shipments.

Snails. Pond, in summer only, **5c each, 50c dozen.**

Giant Japanese, **20c ea.; 2 for 35c; \$1.50 dozen.**

Black Ramshorn, **10c ea.; 3 for 25c; \$1.00 dozen.**

Singapore, **15c ea.; 2 for 25c; \$1.25. dozen.** Red Ramshorn and Coral, **20c ea.; 2 for 25c.**

Weatherfish, in warm weather only. **35c ea.; 3 for \$1.00.**

Newts, or Salamanders **25c each; 5 for \$1.00.**

Fresh Water Clams, **25c ea.; 5 for \$1.00.**

Baby Turtles, **25c ea.; 5 for \$1.00.**

Turtle Food, **10c pkg.**

Turtle Houses, quart size, **25c ea.**

Gold Fish

Globes, Aquariums and Supplies

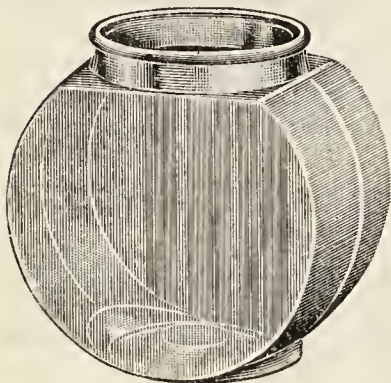
GOLD FISH are shipped by express in tin pails—12 fish will travel safely in a 15c (2 quart) pail. Please include remittance for pail with order.

Small Goldfish, 2 inches, 10c each; \$1.00 doz.
 Medium size, 2½ to 3½ inches, 15c each; \$1.50 doz.
 Medium large, 4 inches, 20c each; \$2.00 dozen.
 Large, 5 to 6 inches, 25c each \$2.50 doz.
 Japanese Fantails, 2 to 4 inches, 25c to 35c each.
 Red Telescopes, 2 to 3 inches, 35c to 50c each.



Black Telescope (Chinese Moor)

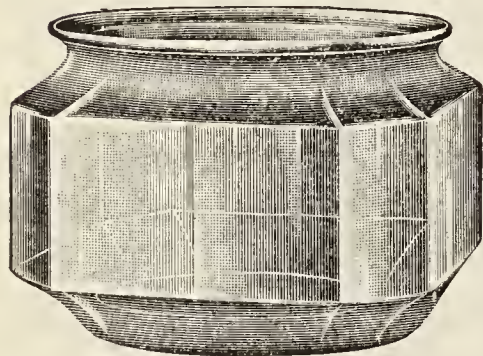
Black Telescopes (Chinese Moors.) Will live equally well with gold fish in cold water, or with tropicals in warm water. 35c to 50c each. These Black Moors are certainly an attraction when placed with any other fish. They are jet black, active, and most peculiar in appearance.



Drum Shape

Fish Globes

	Round Shape—Crystal	Drum Shape
Pint,	\$0.10	
Quart, .....	.15	\$0.15
Half Gallon, .....	.25	.25
1-Gallon, .....	.45	.45
2-Gallon, .....	.90	.90
3-Gallon,	1.75	



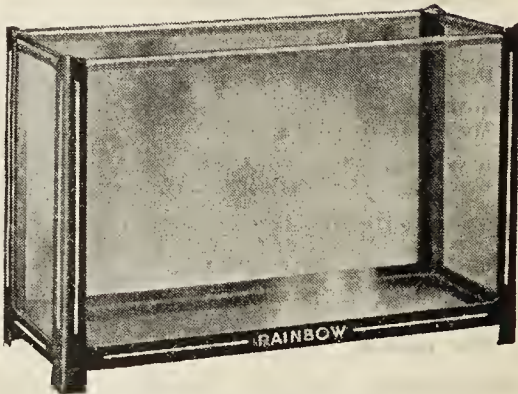
Octagon Squat

	Octagon Squat	Round Squat
Half Gallon,	\$0.25	\$0.25
1-Gallon, .....	.45	.45
2-Gallon, .....	.90	.90

We recommend Express shipments; prices are not prepaid.

Beautiful Aquariums, "Bulb Edge" glass with decorated corners and rubber bumpers on legs.

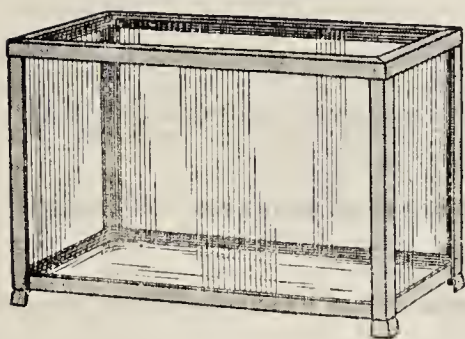
	Cap.	Wt.	Price
No. 611 6 x 7 x 11 in.	2 gals.	9-lbs.	\$2.00
No. 713 7 x 7 x 13 in.	2.7 gals.	11-lbs.	3.10
No. 814 8 x 8 x 14 in.	3.8 gals.	12-lbs.	3.50
No. 915 9 x 9 x 15 in.	5.5 gals.	16-lbs.	3.75
No. 916 9 x 9 x 15 in.	5 gals.	18-lbs.	4.00
No. 919 9 x 9½ x 19 in.	6.5 gals.	21-lbs.	4.50
No. 6915 6 x 9 x 15 in.	3.5 gals.	14-lbs.	3.60
No. 6919 6 x 9 x 19 in.	4.5 gals.	18-lbs.	3.90



Tanks for Tropical and gold fish
 If by mail add postage.

The "Aquarium" Magazine. An ideal magazine for the lover of tropical fish. Profusely illustrated. Color plates alone are worth the price of the magazine. Monthly copies 20c; \$2.00 per year.

AQUARIUM SUPPLIES



AQUARIUMS—Continued

No. BB1	6 x 7	x 10 in.	1 3/4 gals.	5-lbs.	.....\$ 1.95
No. BB2	7 x 7 1/2	x 12 in.	2 1/4 gals.	8-lbs.	..... 2.40
No. BB5	9 x 10	x 14 in.	5 gals.	12-lbs.	..... 3.10
No. BB7	9 x 10	x 19 in.	7 1/2 gals.	19-lbs.	..... 3.75
No. 1022	10 x 11	x 22 in.	10 1/4 gals.	25-lbs.	..... 6.30
No. 1023	10 x 11	x 22 in.	10 1/4 gals.	32-lbs.	..... 7.00
No. 1226	12 x 12	x 26 in.	15 gals.	70-lbs.	..... 13.75

Aquarium Ornaments and Supplies

All Postpaid

No. 755, Fisher Boy, Negro or white.....	\$.15
No. 712, 10 point coral, 3 1/2 in high.....	.20
No. 832, Mermaid, 2 1/4 in high.....	.15
No. 826, Turtle, 2 by 4 inches.....	.20
No. 502, Package of Pearl Chips.....	.10
Assorted castles, beautifully colored, small, .....	.10
Medium sizes, for 1/2 gal. to 1 gal. globes, .....	.25
Large sizes, for 2 gal. globes and up, .....	.35



Aqua Rock. Neutralizes acid condition of water and liberates oxygen. **Large pkg. 15c.**

Breeding Traps. Must be used to save baby tropicals. **No. 531, 55c each.**

Brushes. Made especially to clean glass sides of aquariums, **25c each.**

Cement. "Kuhl's", the best. Never cracks. **1-lb. cans, 35c; 2-lb. cans 65c; 5-lb. cans \$1.70; 25-lb. kits \$7.00.**

"Cesppaba" Tablets. Kills fish lice, the Hydra and other fish parasites. Use 1 tablet to every 8 gal. capacity. Directions with each order. **20c each; 3 for 50c; 7 for \$1.00.**

Dip Tubes. 14 in. for cleaning sediment from globes and aquariums without disturbing plant life. **45c each.**

Enchytrae Worms. Ideal for tropical fish. We will tell you how to raise them. A generous portion to start, **50c.**

Feed Rings. Glass, Should be used in feeding gold or tropical fish. **Small size, 15c; large size 20c. Special Worm Feeding Ring, 35c.**

Fertilizer Tablets. Promote growth of aquatic plants. **5c each; 50c doz. 100 for \$2.50.**

Fungus Remedy. Cures fungus, white spots, on fish. **10c and 25c sizes.**

Heaters. Absolutely necessary in winter to save tropical fish. Ours are all automatic. Many styles, **\$1.50 to \$2.50.**

Medicated Balls. Used to keep water sweet and in proper balance. **10c ea.; 3 for 25c.**

Nets. 2 1/2 in. cloth for tropicals, **15c; 4 in. mesh for gold fish, 25c; large nets for pools, 65c.**

Reflectors. Beautify your aquarium by proper lighting. **\$1.25 each.**

Salt, Turk Island Sea Salt in 1-lb. pkgs. **25c.**

Sand. Baked and Acid treated especially for aquariums. Use it to grow plants, **5c per pound, not postpaid.**

Scrapers. Used to clean scum from sides of globes and aquariums, **35c.**

Stands. Hold a 2-gal. Drum Shaped globe. **\$3.95 prepaid.**

Starfish. Decorative and useful oxygen makers, **15c ea.; 2 for 25c.**

Siphons, Automatic, two styles **50c and 85c.**

Testers. Test the P-H balance of water in tropical aquariums. Complete with directions for use, **\$2.10.**

Thermometers, Floating and submerged, **25c either style.**

Tonic. Fish occasionally require a tonic. **10c.**

Canaries for Pleasure and Profit



OUR BOOK "CANARY BREEDING AND TRAINING" will tell you all about how to go about raising canaries for pleasure or profit. **POSTPAID for 35c.**

SIMPSON'S GRADE A-1 IMPORTED ROLLER CANARIES,
Males in full song, \$7.50.
Females, 14 to 18 months old, \$1.75.

SIMPSON'S GRADE A-1 HARTZ MOUNTAIN SINGERS, Males
in full song, \$4.50 to \$5.50.
Females, \$1.50.

SIMPSON'S GRADE A-1 ORANGE WARBLER CANARIES,
the deepest yellow and best singing canaries we know of,
Males in full song, \$6.50.
Females, \$1.50.

SIMPSON'S DOMESTIC CANARIES, Males in full song, \$3.50
to \$4.50. Females, \$1.00.

Parrakeets, prices subject to change.

Green Shell Parrakeets, \$5.75 pair.

Mauve Shell Parrakeets, \$7.50 pair.

Yellow Shell Parrakeets, \$5.75 pair.

Cobalt Blue Shell Parrakeets, \$7.50 pair.

Blue Shell Parrakeets, \$6.75 pair.

White Shell Parrakeets, \$8.50 pair.

ALL PARRAKEETS ARE STATE INSPECTED AND COME TO US WITH CERTIFICATE OF HEALTH. ALL CALIFORNIA RAISED.

BULK BIRD FOODS

This establishment has specialized
in bird foods and supplies since
1890. You can depend on Simpson's.

If by mail, add postage.

	Lb.	2-lbs.	For 7-lbs.	10-lbs.	25-lbs.	100-lbs.
Simpson's Roller Bird Mixture, the best.	\$0.20	\$0.35	7-lbs.	\$1.35	\$2.25	\$ 8.00
Simpson's "Superior" Brand Mixture, .....	.15	.25	10-lbs.	1.00	1.75	6.50
Canary, imported, re-cleaned, .....	.20	.35	7-lbs.	1.25	2.25	8.00
Rape, Essex, imported, .....	.20	.35	7-lbs.	1.20	2.15	7.85
Rape, Sweet German, the best, .....	.20	.35	7-lbs.	1.25	2.35	8.50
Hemp, whole, re-cleaned, .....	.10	.15	12-lbs.	.85	1.80	5.50
Hemp, ground, for baby birds, .....	.20	.35	7-lbs.	1.40	3.00	
Flax, re-cleaned, .....	.10	.15	12-lbs.	.85	2.00	6.00
Lettuce, white, re-cleaned, 4-ozs. 10c.....	.35		3-lbs.			
Love Bird Seed (parrakeet), best mixture.....	.20	.35	7-lbs.	1.25	2.25	8.00
Millet, large, golden, .....	.10			.70	1.50	5.50
Poppy, Blue, imported, .....	.25	.45	5-lbs.	1.95	4.50	15.00
Rice, unhulled, .....	.15	.25	9-lbs.	1.10	2.50	8.25
Sunflower, Russian, large for parrots, .....	.15	.25	8-lbs.	1.20	2.15	7.25
Tease, Indian, 4-ozs. 20c; ½ lb. 35c.....	.60					
Thistle (Niger), black, 4-ozs. 10c; .....	.35	.60				
Pepper Pods, small, hot, 4-ozs. 15c; .....	.40	.75		3.35		
Pepper, ground, 4-ozs. 10c; .....	.20	.35		1.50		
Wild Bird Seed, our special blend, .....	.10	.15	17-lbs.	.60	1.40	4.85
Cuttlebone, 2 to 3 in. 2 for 5c; ¼ lb. for 20c; 1-lb. 55c.						
Cuttlebone, 4 to 6 in. 5c each; ¼ lb. 25c; 1-lb. 65c.						
Cuttlebone, on holder, see Justrite line, page 61.						
Pulvex Powder for delousing birds. Perfectly harmless even to baby birds, ¾-oz can, 25c.						
Peck-O-Egg Bird Biscuit. Wonderful egg food for canaries and other birds. 4 large biscuits in carton for only 15c; by mail 20c.						

SPECIAL NOTICE

In ordering any of the package feeds or supplies on these pages, where postpaid prices are not quoted, add for postage 10c if but one item is ordered, 5c for each item when 3 or more items are ordered, or 4c for each item when 6 to 10 items are ordered. In lots of 12 or more we will prepay postage.

Simpson's Package Seeds and Remedies

Simpson's Mixed Bird Seed, carton....	\$0.15
Simpson's Roller Bird Seed, carton....	.15
Simpson's Song Restorer, carton....	.25

The "JUSTRITE" LINE of Foods and Supplies FREE Justrite Bird Book with every Justrite order

We consider this one of the most complete and best supply lines. Not postpaid.

Justrite Honey Roll	\$0.10
Justrite Honey Roll with bell .....	.10
Justrite Rol-Er-Ka-Nar-E Bird Seed..	.25
Justrite Imported Bird Seed .....	.20
Justrite Love Bird Seed (Parrakeet)..	.20
Justrite Parrot Food with Crackers...	.25
Justrite Bird Gravel, brown.....	.10
Justrite Silver Bird Gravel.....	.10
Justrite Gravel Paper, 9" circles, 18 for	.25
Justrite Gravel Paper, 10", 18 for .....	.25
Justrite Gravel Paper, 11", 18 for .....	.25
Justrite Gravel paper, 12", 18 for .....	.25
Justrite Gravel Paper, 7"x9", 18 for .....	.25
Justrite Gravel Paper, 9"x11", 18 for..	.25
Justrite Song Restorer .....	.25
Justrite Vitamine Health Food.....	.25
Justrite Moulting Food .....	.25
Justrite Color and Pepper Food.....	.25
Justrite Egg and Nestling Food.....	.10
Justrite Bird Tonic .....	.25
Justrite Bird Bitters .....	.25
Justrite Iron Tonic .....	.25
Justrite Parrot Tonic .....	.25
Justrite Lice Powder .....	.10
Justrite Bird Wash .....	.25
Justrite Cage Cleaner .....	.25
Justrite Lice Destroyer Kit.....	.49
Justrite Cuttlebone, large, with holder.	.10
Justrite Cuttlebone, small, with holder	.05
Justrite Canary Food Packet.....	.49
Justrite Feather Pulling Remedy.....	.25
Justrite Bird Jelly .....	.25
Justrite Bird Salve .....	.15
Justrite Flake Bird Charcoal .....	.10
Justrite Crushed Oyster Shells .....	.10
Justrite Bird Nesting, brown.....	.10
Justrite Bird Nesting, white.....	.10

KAEMPFER'S BIRD SUPPLIES

Not Prepaid.

Kaempfer's Highballs, 15c, 2 for.....	\$0.25
Kaempfer's New Birdolene .....	.25
Kaempfer's Asthma Remedy .....	.25
Kaempfer's Foot Ointment .....	.25
Kaempfer's Bird Remedy, tonic.....	.25

HALLER'S BIRD SUPPLIES

Haller's Ha Ha Song Food.....	.25
Haller's Canary Bird Pie, 15c; 2 for..	\$0.25
Haller's Dutch Song Restorer, large size	.25

Geisler's Bird Feeds

and Supplies Not Postpaid.

Geisler's Roller Bird Seed	\$0.25
Geisler's Mixed Parrot Seed .....	.25
Geisler's Pure Egg Bird Biscuit .....	.25
Geisler's Parrot Biscuit....	.25
Geisler's Song and Health Food .....	.25
Geisler's Moulting Food....	.15
Geisler's Prepared Health Grit .....	.15
Geisler's First Aid Tonic .....	.25
Geisler's Song Tonic.....	.25
Geisler's Digestive Tonic .....	.25
Geisler's Cold Tonic .....	.25
Geisler's Blood Purifier....	.25



Geisler's Products

Simpson's Parasite Remedy	\$0.25
Simpson's Mite Powder, carton .....	.15
Simpson's Mite Liquid, bottle .....	.25
Simpson's Bird Tonic, bottle .....	.25
Simpson's Bird Grit, carton.....	.10

Philadelphia Bird Food Co.'s Supplies

Not Prepaid

Bird Manna, 15c; 2 for 25c; 6 for....	\$1.70
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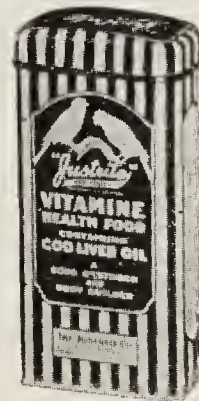
SPRATT'S BIRD SUPPLIES

Not Prepaid.

Spratt's Mixed Bird Seed	\$0.20
Spratt's Canarydine (asthma).....	.20
Spratt's Color Food .....	.25
Spratt's Egg Flake and Fruit.....	.25
Spratt's Nestling Food, 9-oz. 25c, 4-oz.	.15
Spratt's Song Restorer .....	.25
Spratt's Sing-Song, 10c; 3 for.....	.25

FRENCH BIRD SUPPLIES

Not Prepaid

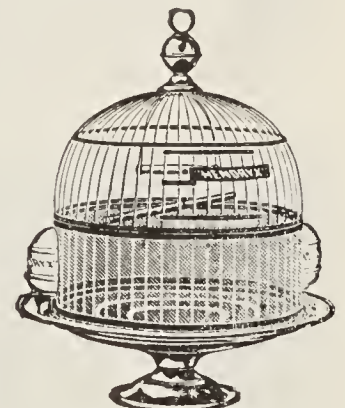


French's Bird Seed With Biscuit	\$0.15
French's Bird Biscuit, 10c; 3 for .....	.25
French's Canary Tint..	.25
French's Sunshine Food .....	.25
French's Coloring Pepper .....	.25
French's Nestling Food	.30
French's Nesting Hair	.10
French's Bird Ointment	.25
French's Song Restorer .....	.10
French's Bird Tonic..	.25
French's Bird Gravel....	.10

BIRD CAGES

Not Prepaid

No. 274, 10 1/8 in. diameter, \$2.95	
No. 275, 11 in. diameter, \$3.35	
No. 276, 11 1/4 in. diameter, \$3.85.	
No. 2274 Series, same size as No. 274 series above, but with wide bottom rail and no pedestal base.	
No. 2274.....	\$3.10
No. 2275.....	3.50
No. 2276.....	4.00



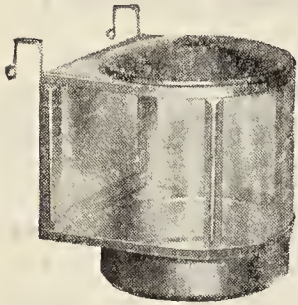
No. 274 Series

BREEDING CAGES

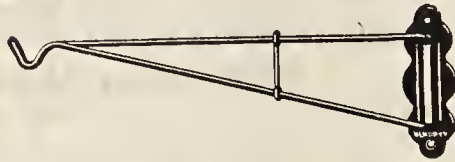
No. 10-D, Double, with drawer pan, a perfect cage for the purpose, 17x11x12 inches high, only \$3.85.
Collapsible Breeding Cage, Double, with drawer pan, 23x11x15 in. \$3.90.

STANDS FOR CAGES. We carry an assortment from \$1.75 to \$6.50. We will be glad to describe and price stands on request.

Miscellaneous Bird Supplies



Delta Bath House



Bracket



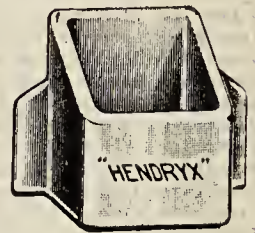
Style O



No. 1904



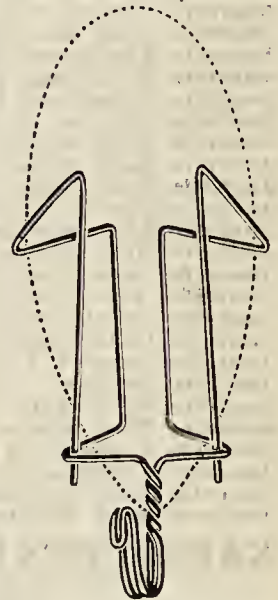
No. 140



No. 1916



No. 16-160



Cuttle Bone Holder

	Each
Bath Dishes. Oval, glass or porcelain.....	\$0.15
Bath Houses, Delta, Brass.....	.65
Bath Houses, Delta. Colored green, blue, red, orange or white.....	.50
Birdie Baths. Hang inside cage door, fold up when not in use.....	.20
Bird Whistles. Celluloid, teach birds to sing.....	.15
Bird Books. Canary Breeding and Training.....	.35
Bird Books. Feathered Pets.....	.35
Swinging Brackets. 10 in. brass or nickel plated....	.20
Swinging Brackets. 12 in. brass or nickel plated....	.25
Cage Bells. Canaries like them; 2 for 25c.....	.15
Cage Covers. Fancy colored cretonne.....	.65
Cage Covers. Fancy colored satine.....	.75
Cage Guard Cloths. Fancy colored cretonne.....	1.00
Cage Guard Cloths. Fancy colored satine.....	1.25
Cups for seed and water, "single point," 3 for 25c....	.10
Cups for seed and water, style "O," 3 for 25c.....	.10
Cups for seed and water, No. 1904, 3 for 25c.....	.10
Cups for breeding cages, No. 1916.....	.20
Cups for parrot cages, tinned cast iron, self-locking spring.....	.50
Treat Cups (small food holders), fit in any cage between the bars 50c doz.....	.05
Crystal Fountain, fits any cage.....	.75
Cuttle Bone Holders.....	.10
Guard Wire, keeps bird from scattering seed— 3½ in. cut to order. Per foot.....	.40
5 in. Per foot.....	.50
Nests, tinned wire.....	.10
Nest Eggs, closely imitate a canary egg. 35c doz.....	.05
Nesting Hair, white or brown. Per pkg.....	.10
Leg Bands for canaries. 2 for 5c; doz.....	.25
Perches, tapered, set of three for.....	.25
Perch Material, proper size, 3 foot length.....	.10
Powder Guns, empty.....	.15
Powder Guns, filled with insect powder.....	.25
Springs, solid brass, No. 140, for stands.....	.15
Springs, brass, with 2 foot ladder chain, adjustable.....	.25
Springs, solid brass, No. 16.....	.15
Springs, brass plated, No. 160.....	.10
Swings, for round brass cages.....	.35
Swings, for brass or enameled cages.....	.15

Parcel Post Rates. Please include postage unless items ordered are quoted postpaid. To do so will avoid delay in your order.

Wt. in Lbs.	Local	ZONES					Wt. in Lbs.	Local	ZONES				
		1st, up to 50 miles	2d, 50 to 150 miles	3d, 150 to 300 miles	4th, 300 to 600 miles	5th, 600 to 1,000 miles			1st, up to 50 miles	2d, 50 to 150 miles	3d, 150 to 300 miles	4th, 300 to 600 miles	5th, 600 to 1,000 miles
1	\$0.07	\$0.08	\$0.08	\$0.09	\$0.10	\$0.11	11	.12	.19	.19	.29	.45	.64
2	.08	.10	.10	.11	.14	.17	12	.13	.21	.21	.31	.49	.70
3	.08	.11	.11	.13	.17	.22	13	.13	.22	.22	.33	.52	.75
4	.09	.12	.12	.15	.21	.27	14	.14	.23	.23	.35	.56	.80
5	.09	.13	.13	.17	.24	.33	15	.14	.24	.24	.37	.59	.86
6	.10	.14	.14	.19	.28	.38	16	.15	.25	.25	.39	.63	.91
7	.10	.15	.15	.21	.31	.43	17	.15	.26	.26	.41	.66	.96
8	.11	.16	.16	.23	.35	.49	18	.16	.27	.27	.43	.70	1.02
9	.11	.17	.17	.25	.38	.54	19	.16	.28	.28	.45	.73	1.07
*10	.12	.18	.18	.27	.42	.59	20	.17	.29	.29	.47	.77	1.12

PEONY ROOTS

Prices Lower Than Ever Before

ALL POSTPAID 3-5 EYE DIVISIONS

Because of an overproduction of PEONIES we are offering CHOICE VARIETIES at prices seldom, if ever, equalled for economy.



CULTURE. Peonies do best in an open, sunny location, though they may be grown anywhere except in complete shade. They may be planted in the spring or fall, in any good soil. Avoid planting too deeply. Never cover the "eyes" more than 2 inches. To do so will delay blooming for several seasons. Fertilize two or three times during the season with VIGORO, a small handful around each hill scratched under the surface. When necessary to move, or divide a hill of peonies, cut or break roots into small divisions. Planting a large clump will not produce the best results.

WHY WE RECOMMEND GOOD PEONIES. Because we buy a Peony root to last a life-time. It is not uncommon for a hill, or clump, of Peonies to live and bloom beautifully for 25 to 50 years. Surely it would be a mistake to buy, plant, and care for, a scrawney variety that would be a doubtful pleasure to its owner. By this we do not refer to the size of the root. Relatively small divisions are better than extra large roots, because extra large roots will carry old dead wood that often interferes with quick

growth. Divisions containing 3 to 5 "eyes" are best.

PEONIES YOU WILL BE PROUD TO OWN

EACH, 35¢; ANY 3 FOR \$1.00. POSTPAID.

- Chas. Verdier.** Large, full, rose pink.
Chestine Gowdy. Beautiful shrimp-pink.
Edulis Superba. Deep, bright mauve pink. One of the finest.
H. F. Reddick. A large, fully double brilliant red.
Livingstone. One of the finest pinks grown.
Meissonier. A glorious bright red.
Prinee of Darkness. A very dark red.
Rose Here. A large, light, bright red.
Susan B. Anthony. Pure white. One of the very best.
Wm. Penn. A light pink, full and round.
UNNAMED PEONIES, SELECTED TO COLOR.
Whites, 20¢; Pinks, 20¢; Reds, 25¢. Postpaid.



This is a
VIGORO Lawn
See Page 33



GOOD GRASS SEED +
ANY GOOD FERTILIZER =
A LAWN
You Can be Proud of

We suggest VIGORO because
we know it to be THE fertilizer



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1551 CHAMPA ST. PHONE MAIN 2778
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Convert your Yard
into an ' Out Door
Living Room''

